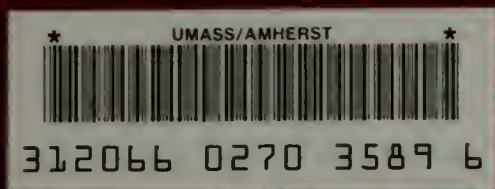


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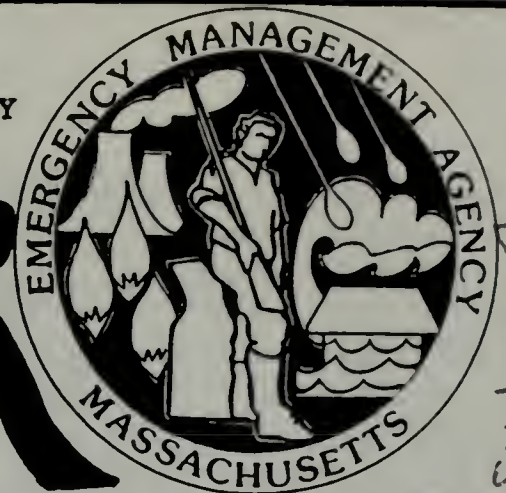
MASSACHUSETTS EMERGENCY MANAGEMENT AGENCY

NEWSLETTER

PUBLISHED QUARTERLY: SPRING, SUMMER, AUTUMN, WINTER

William F. Weld
Governor

A. David Rodham
Director



Vol. 1 No. 1

Autumn, 1991

Volume 1 Number 1

Welcome to the first edition of the 'MEMA' Newsletter. If this epistle had "hit the streets" before July 1st it would have been entitled the 'MCDA Newsletter.' But in late June...finally...on a budget amendment from Richard Tisei (R) Wakefield, the legislature voted the name change that had been long-awaited by many, although not all, of us who are associated with emergency management in Massachusetts.

We plan to publish the 'MEMA Newsletter' quarterly, and include news and information on all aspects of emergency management in Massachusetts, and to provide you with updates of the activities in the many departments of the Mass. Emergency Management Agency. We welcome your input, and are especially enthusiastic to receive stories and information concerning local community emergency management activities. If you would like to contribute, contact the editor; the address and phone appear below. We hope to hear from you!

PEOPLE

**"THE OLD ORDER CHANGETH,
GIVING WAY TO THE NEW..."**
Shakespeare

The 1990-91 period was one of great change for emergency management in Massachusetts. Our Agency got a new name and we said goodbye to some people who had become legends in Massachusetts Civil Defense, and hello to the man who will be Director of our Agency for the next four years.

A. David Rodham, our new Director, started his challenging job in early March, and is enthusiastically and energetically putting old problems to rest once and for all, and taking hold of new projects and ideas untiringly.

(cont. P. 2)

FOR A 'DIFFERENT' FAMILY SATURDAY

By now, many of you have heard about "Emergency Management EXPO 91" which will be held at MEMA Headquarters at 400 Worcester Rd. (Rte. 9 Eastbound) in Framingham on Saturday, September 28th from 10:00 a.m. 'til 3:00 p.m. Here are some details from our Operations Division:

The theme for "EXPO '91" is 'A Salute to Massachusetts Emergency Volunteers' and in keeping with this theme, MEMA has arranged for emergency equipment from over two dozen towns and cities to be on hand. Vendors of emergency management-related supplies and equipment will also be featured, and refreshments will be available.

A short list of what you can expect to see at "EXPO 91"....

- Over 40 Emergency Vehicles including HazMat Trucks
- EMS Helicopter and Hovercraft
- Jaws of Life
- State Police K-9 Demonstration
- Fingerprinting for your Children's Protection
- Amateur Radio Association Representatives

And, of course, there will be demonstrations to go along with all of these displays.

Admission is free, so come one, come all, bring the family...the kids, gramps, great Aunt Ophelia, the baby sitter, and the neighbors; it's something a little different for them, and they'll enjoy it immensely, and we'll enjoy seeing all of you emergency management people that we converse with so often by phone, but hardly ever see.

If you'd like any further information, call our Operations Officer, Jerry Meister at (508) 820-2016.

PLEASE REFER ALL COMMENTS & QUESTIONS TO THE EDITOR

Judy Kazunas c/o MEMA 400 Worcester Rd. Framingham, Ma 01701 (508) 820-2035

Disaster relief

Assistance in emergencies

PEOPLE

(CONT. FROM P. 1)

Dave, a Lynnfield native, lives in Middleton with his wife and those of their seven children who are still at home. He holds degrees from the University of Massachusetts and Antioch University. His background includes six years as a Lynnfield selectman, and two terms as a State Representative from Lynnfield and North Reading. He was Director of Public Works in Lynnfield for many years until he assumed the duties of Town Administrator and then Director of Finance and Administration for the town. He has also been owner and operator of two North Shore community businesses, and presently serves on the board of a savings bank in Wakefield. Dave is also active in many community organizations, having served as either an officer or a member of such organizations as Rotary, Republican Town Committee, Scholarship Foundation, Mass. Municipal Association, Mass. Legislators Association and others.

Of course, a new leader on the scene means that an old one has gone. In the last year, two men have retired who, collectively have contributed over 70 years of service to the public safety of the people of Massachusetts. Robert Boulay, the former Director, and John Lovering the former Deputy Director had contrasting styles but melded to form a great team.

Bob left his post as Area IV Director in the relatively quiet area of Western Massachusetts to head up the (then) MCDA Headquarters in Framingham where he became part of the pitched battles to develop emergency response plans for Seabrook. Bob's quiet dignity never deserted him through these many battles.

John, who grew up in Somerville and Medford politics served as Area Director in both Areas I and II before his promotion to Deputy Director. His combative perserverance resulted in the establishment of the Nuclear Safety Planning Division as well as reconstruction of the Wellesley Reception Center and Area II Headquarters, all at no cost to the Commonwealth or the federal government.

Another individual who many of you knew and worked with and who retired recently is Henry Gamache, former Area III Director. Henry began with the Agency ten years ago at the Maintenance and Calibration Facility at Fort Devens where he spent five years before he took a position as a Sector Director at Area III. After several years as Sector Director, he capped off his career with a promotion to Area III Director.

The other "new kid on the block" so to speak, is Henry's replacement Bob Lister, our new Area III Director. Bob served as Administrative Assistant at Framingham Headquarters for over 25 years until his promotion last month.

All MEMA staff, and the people who have worked with Dave, Bob Boulay, John, Henry, and Bob Lister, wish all of them the best in each of their new endeavors, whether it be a new career or new leisure time!



ITEMS OF INTEREST

Don Bell of MEMA's Nuclear Safety Planning Division provides us with the following announcement which may be of interest to many of our readers: A one-day seminar on 'Radiological Exposure Control Topics in Offsite Planning and Training' will be held on October 31st at MEMA Headquarters at 10:00 a.m. to 3:00 p.m. at no cost to participants. Subjects will include Dosimetry Repair, CDV 700 Training, Instrument Comparison, Radiation Exposure Decision Making and other topics. For details, please contact Don at (508) 820-2044 by October 11, 1991.

And N.B. *** - Bob Lister reminds EMA communities who wish to gain "exercise" credit for Hurricane "Bob" work that they should complete FEMA Form 90-2 ASAP. Assistance in this matter can be obtained from your MEMA Area I, II, III or IV Office.

DAVE'S DEN...

THOUGHTS FROM MEMA'S DIRECTOR

It is nice to be able to have this opportunity to express some of my thoughts and goals for MEMA, and I look forward to working with all of you as we go into the 90s.

First, I would like to thank my predecessors, Bob Boulay and John Lovering for the fine job they did in guiding this Agency during the 80s. If you are interested in learning a bit about my background and qualifications, that information is in the "People" section of this Newsletter.

Our Agency, like all facets of business and, really, life in general has been affected by the recession and budget cuts, however, it is my hope, that in spite of fiscal drawbacks, this Agency will continue to provide the same services as in the past, but with less impact on the state budget.

I hope to increase assistance to municipalities in dollars, and to help with training programs, to work with you during disasters as we have in the past, and to assist with all facets of emergency management. (We expect to be distributing roughly 20 million dollars to areas affected by Hurricane "Bob".)

The major goal of this Newsletter is to enhance communications between the State and local agencies, and I strongly urge you to contribute to this effort.

MEMA is expecting to procure a FEMA grant to include an Earthquake planner on our regular staff; and we are hoping to increase our training staff to provide more and better training in the future.

One aspect of emergency management that has absorbed a great deal of MEMA's time and energy is nuclear power plant planning with Governor Weld suggesting that the Massachusetts Radiological Emergency Response Plan is especially important, and that it be kept scrupulously up-to-date; something that our Nuclear Safety Division is working on continuously.

Two nuclear power plant exercises are scheduled for this fall, one for Vermont Yankee in November, and one for Pilgrim in December and a Seabrook exercise in June. Of course, work is on-going every day in the development, review, and revision of Plans for all of the Nuclear plants that affect Massachusetts including the relatively recently powered Seabrook. We are continuously monitoring the embrittlement issue at Rowe and doing our part to ensure that that is a safe facility for the people of Franklin County, and, in that regard, the NRC has allowed that plant to operate until their normal refueling in April.

Once again, I am very glad to be serving as your new MEMA Director, and look forward to the next few years of meeting, and working with you in many activities that will prove to be mutually positive and productive.



These items of interest from our Area II Office in Bridgewater regarding Planning and Preparedness Activities:

A series of Hurricane Workshops in conjunction with the Army Corps of engineers to explain the SLOSH hurricane model were recently held. Draft copies of hurricane inundation and evacuation maps were distributed to 31 south coastal communities.

Area II also held Emergency Action Level Training as part of ongoing Pilgrim NPS Planning. And Planning of a more general nature included a Comprehensive Emergency Management Planning Workshop for Area II communities who wished to update their 'CEM' Plans.



For those of you who are unfamiliar with the Massachusetts Emergency Management Agency, (MEMA), the following is a brief description of the mission and work of the Agency:

It is the continuing responsibility of MEMA to develop and maintain the highest level of preparedness on the part of State and local agencies, private sector organizations and individual citizens with respect to preventing or lessening the effects of limited or major disasters, initiating and disseminating emergency warning, responding to emergency needs and providing effective recovery assistance for the protection of life and property. Such emergencies include, but are not limited to radiological accidents, major fires, tornadoes, floods, blizzards, hurricanes, explosions, major transportation accidents, riots, terrorism, attacks, and chemical accidents.

The Agency maintains and operates the State's Emergency Operations Center and four area centers to ensure adequate communications and coordination of resources during any emergency.

To ensure that local communities have adequate resources to develop emergency response programs, the Agency coordinates the distribution of hundreds of thousands of dollars of matching federal funds to participating communities each year. These funds, in part, pay the salaries of some towns' public safety employees.

The training of local officials in emergency response procedures is an important element in the State's emergency management program. Each year this Agency trains thousands of local government and non-government officials in all aspects of emergency preparedness, including radiological defense, search and rescue operations, emergency operations simulations, hazardous materials response, industrial civil defense, and much more.

This Agency also operates a radiological systems and maintenance division which distributes radiological survey equipment throughout the State for use in disasters involving radiation releases.

The Nuclear Safety Division prepares plans for the four nuclear power plants affecting Massachusetts, and is funded by those utilities.

When disaster strikes, and the State's resources are exhausted, this Agency is responsible for obtaining Federal Disaster Assistance for state and local communities, businesses and individuals. Over the years, the amount of federal financial assistance this State has received as a result of this Agency's work has been many times more than the amount of its operating budget.

MEMA, in one short sentence, is a small, efficient Agency concerned with the public's safety.

"BOB"

TRAINING INFORMATION

Fran DeNicola, MEMA's former training officer was recently promoted to the position of Planner in the Nuclear Safety Division, but he is still taking care of much of the Training work, and in that capacity he brings us the following training information:

A catalogue of all Emergency Management Courses offered through MEMA will be published in November. Many of you already receive this list, but if you do not, and would like to, contact Fran at (508) 820-2018 or write to him at the address at the bottom of page one.

General information regarding these courses is as follows: Travel to and from the course is the responsibility of the participant, but lodging is provided for participants attending courses of more than one day's duration and living more than 50 miles away. Commuting students will be provided with lunch and overnight students will be provided breakfast and dinner. Those requesting guaranteed overnight reservations who then do not attend the course may be required to reimburse MEMA for the guaranteed reservation. All course materials are provided, but participants must meet course enrollment requirements and course offerings, dates, and locations are subject to change with a 35-day notice to Area Directors. If courses that are especially needed by Massachusetts individuals are not being offered here in a given year, every effort will be made to determine whether such a course is available in a nearby state.

All EMA communities must meet the requirements of participating in one full scale exercise of any scenario being conducted during the State's Four Year Exercise Work Plan and also one functional exercise of each scenario to be conducted in each of the remaining three years. EMA communities must also complete FEMA form 95-16 for credit, and most EMA personnel must complete "CD Programs, Systems, & Policies Course by 9/30/93. EMA communities must also have at least one employee complete the following courses by 9/30/93:

- Exercise Design
- Emergency Planning
- State & Local Continuity of Government

All part-time EMA supported State and local employees must also, by that date, complete Home Study Courses:

- Emergency Program Manager
- Emergency Management USA
- Radiological Emergency Management
- Preparedness Planning for a Nuclear Crisis

Thanks Fran...that gives us a lot to think about. But did we really need all that to think about!

(5)

Hurricane "Bob" has come and gone and scores, perhaps hundreds, of articles, and other sources of information have been written concerning this August 19th storm. For those of you who have not already "o.d.ed" on Bob, here is a brief summary of the storm as it related to MEMA:

"Bob," a category '3' storm slammed into the southeastern Massachusetts coast at about 2:30 p.m. on August 19, 1991 with winds of up to 115 mph and rainfall of up to six inches.

The Massachusetts Emergency Management Agency was activated Sunday evening, August 18th at 7:30 p.m. and remained in full 24-hour operation until Sunday, August 25th at 8 p.m. Twelve state agencies, FEMA, and the Red Cross were on duty at the state EOC. On-site assistance to the stricken areas was provided by MEMA, the National Guard, the DPW, MDC, Corrections, and others. The state assistance in debris removal on the Cape alone reduced the power restoration time by seven days according to Commonwealth Electric.

Governor Weld returned from his trip to the Far East to personally review the damage, and confirm that the Commonwealth was providing all possible assistance to its citizens' businesses as well as to cities and towns. Lt. Governor Cellucci in his role as acting Governor had declared a 'State of Emergency' on Monday at 8:40 a.m. and ended it at 5:00 p.m. Friday. He submitted through MEMA and FEMA a request to President Bush to declare areas of Massachusetts a Major Disaster Area. This request was approved in record time on Monday, August 26th at 1:30 p.m.

As this Newsletter is being written, work is ongoing in the very lengthy and detailed recovery process. Federal disaster recovery money has provided MEMA with funding to hire temporary employees to help this Agency to achieve the goal of providing hurricane victims in Massachusetts with all the recovery money that can possibly come their way.

COMMUNICATIONS REMINDER

Royce Sawyer reminds all of you local C.D. Directors: Checkerboard cards are your responsibility; the end result of the National Warning Systems (NAWAS) 250,000 miles of dedicated lines and 2,500 installations. Notification of a national emergency is from North American Air Defense (NORAD) in Colorado or Washington, DC through the national circuitry to the NAWAS installations, to the local 24 warning points via fire and police radio nets and then to the local emergency manager. The checkerboard card response is the method by which the effectiveness of the system is measured. So please complete and return those cards to MEMA as soon as possible following the bi-monthly tests. Your cooperation is greatly appreciated!

HOMETOWN

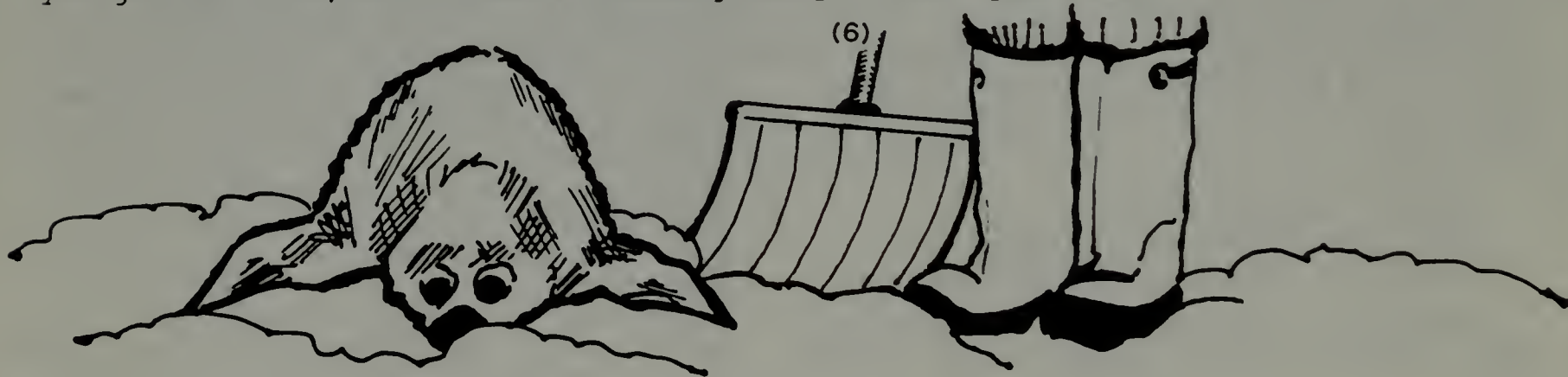
The heart of all activity which affects individuals is the home and the hometown; and that goes for emergency management too. The following stories were sent to us from our Massachusetts communities and describe the dedication to public safety, the spirit of cooperation which is the hallmark of our fine local civil defense organizations.

From Fitchburg and Leominster: On the night of June 29th at approximately 6:30 p.m. Fitchburg experienced a blackout for six hours, and a five-alarm fire occurring in the area of Fitchburg State College at the same time! A critical need for crowd control was apparent, and assistance was also needed in the form of generators and lighting of inter-sections. At the same time, Leominster was very busy with domestic abuse situations, fights, a motor vehicle flipped over on North Main Street and all the usual Saturday night "challenges". However, in spite of this juggling act, Deputy Civil Defense Director Jim LeBlanc, managed to coordinate the delivery of three auxiliary cruisers, five auxiliary officers, two lighting plants with generators, the emergency canteen service, and an ambulance to Fitchburg. His efforts, plus those of Assistant Director Jim Lanciani, and Lt. Thomas Bisol, deserve...and have received...much praise from several sources including a letter, copies of which were forwarded to the White House and the Governor's Office.

From Pittsfield: Tom Grizey, Civil Defense Director in Pittsfield, and a companion, Steve Fillio, also of Pittsfield, rescued a pair of vacationers from New York City who hiked up Lenox Mountain one afternoon during the summer, became separated from other hikers, and spent half the night lost before being found by Grizey and Fillio. Tom said, "they had no flashlight when found at 1:30 a.m., no matches, and no way to signal." The search was coordinated by Grizey and Lenox Police Chief David Berkel, and was greatly aided by the use of bullhorns and megaphones to call out instructions to the lost individuals while searching. When found, the two New Yorkers, Robert Abedon, and David Basman were very dirty, tired and thirsty, and, one can surely surmise, very grateful for the perserverance of local emergency management people!

From Quincy: And everything having to do with emergency management isn't dire and serious. This "lighter side" story comes from the exceptionally enthusiastic Deputy Public Safety Director in Quincy, Tony Siciliano.

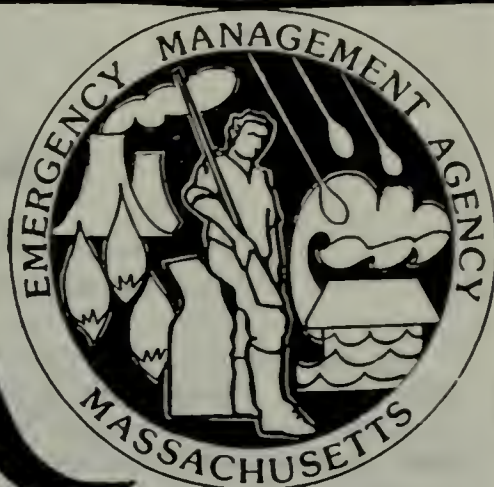
Last winter a baby seal came ashore in the Germantown section of Quincy. It had been mauled by a dog and needed some "seal sitting" services while awaiting personnel from the New England Aquarium to come to the rescue. Well who do you suppose got to be the "seal sitters?" Why members of Quincy's Emergency Management Agency, of course! Tony sent us some snapshots of the crew out there hovering over the little seal...and, we wish we could reproduce them here, but unfortunately, they just didn't work; they were a little too dark. But I'll describe them to you: Here is Tony in his Quincy EMA cap and badge and day glow orange vest and jacket and rubber boots having what looks like a really spirited conversation with a tear-jerkingly cute little seal, and around him are some neighborhood kids who look like they would all like to take the seal home for a pet! Well, maybe a thousand words can describe one picture, and this is only a few words, but you get the idea, and it was a charming story...Thank you, Tony!



MASS. EMAIL 3:1/2

MASSACHUSETTS **E**MERGENCY **M**ANAGEMENT **A**GENCY

NEWSLETTER



PUBLISHED QUARTERLY: SPRING SUMMER AUTUMN WINTER

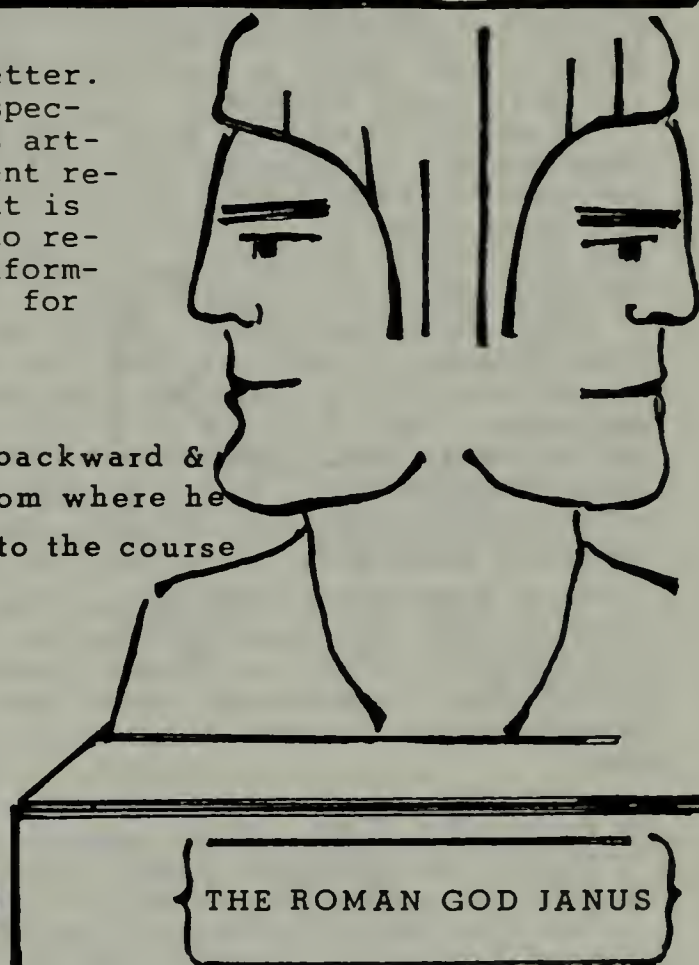
William F. Weld
Governor

A. David Rodham
Director

Volume I Number 2
Winter 1991/92

Welcome to the second edition of the MEMA Quarterly Newsletter. A big thank you to all who contributed to this edition, especially local people who took the time and effort to send us articles and newspaper clippings about the Emergency Management related activities that are happening in your community; that is the kind of information that we are especially delighted to receive. We hope you enjoy reading this issue and find it informative...and we hope that you will keep sending us material for future newsletters!

He simultaneously looks backward & forward to seek wisdom from where he has been, and to apply it to the course he charts for the future



DAVE'S DEN

“

THOUGHTS FROM MEMA'S DIRECTOR

”

WE MUST ASK WHERE WE ARE AND WHITHER WE ARE TENDING Abraham Lincoln

As we start the new year, I am trying to focus on where we've been, where we are, and where we should be going.

Between learning my basic responsibilities, going through task force reports, hearings in Washington, two full-scale power plant exercises, and two severe coastal storms, I have devoted more of my time to being reactive rather than proactive. In a recent meeting with my senior staff, I laid out my goals for 1992:

Primary among these will be a determined effort to increase our service to local government. We don't have a largess of money to distribute, but we do have help available for planning, training, and other emergency management support services. We all demonstrated that during emergencies and exercises we can function as a team. I would like to see that teamwork carried out 52 weeks a year.

Teamwork is not only important between different levels of government, it is also vital within this agency and among all state agencies. I do think we have made progress in this area, but it must be nurtured and expanded. I ask the support of every reader of this newsletter. Each person is valuable to themselves, their family, their organization, and, ultimately, to greater society.

“ A PERSON CANNOT BE COMFORTABLE WITHOUT THEIR OWN APPROVAL ” Mark Twain

PLEASE REFER ALL COMMENTS & QUESTIONS TO THE EDITOR

Judy Kazunas

c/o MEMA

400 Worcester Rd.

Framingham, Ma 01701

(508) 820-2035

DISASTER RECOVERY

WHERE WE'VE BEEN AND WHERE WE'RE GOING
(Disaster Recovery Group Background and Update)
by Group Manager, Bud Iannazzo

As of August 19, 1991, the Disaster Recovery Department existed in name only. There was a plan defining the Public Assistance Program as well as the Individual Assistance Program, but, with the exception of MEMA personnel temporarily staffing the Hyannis Disaster Field Office, no permanent personnel staffed this area of service until September 9, 1991. On that date I officially came aboard and one week later Christine Heanue joined the emerging department. Doug Forbes Jr., who had worked with us earlier on assignment from his regular job as Area II Sector Director became part of the permanent staff. Shortly thereafter Susan Frates added a fourth to, what was then, the 'Hurricane Bob Public Assistance Program.'

It wasn't very long until the plot thickened and the, now infamous, 'Nor'easter' of October 30th multiplied our responsibilities. These two back-to-back storms were identified by FEMA as numbers 914 and 920 respectively. The second storm required both Public Assistance and Individual Assistance Programs, and, subsequently, additional staff to help administer assistance.

Under hurricane 'Bob,' which has a dollar volume of roughly 25 million dollars in damages, and the October 30th storm which we estimate at sixteen million dollars, the personnel compliment increased to nine employees. The original four people obtained titles; myself as manager, Christine as Public Assistance Administrator, Doug as Individual Assistance Administrator, Susan as Administrative Assistant, and we added Beverly Drover as Fiscal Officer, Myriam Joseph and Christopher Donato as Contract Specialists, as well as two clerical positions yet to be filled.

With some minor exceptions, the entire disaster relief program was handled from the Hyannis Disaster Field Office. From this location, all applicant briefing and other Disaster Application Center locations were established. Inspection teams were dispatched from there, as well as all Damage Survey workups to ascertain the Federal/State share of reimbursement.

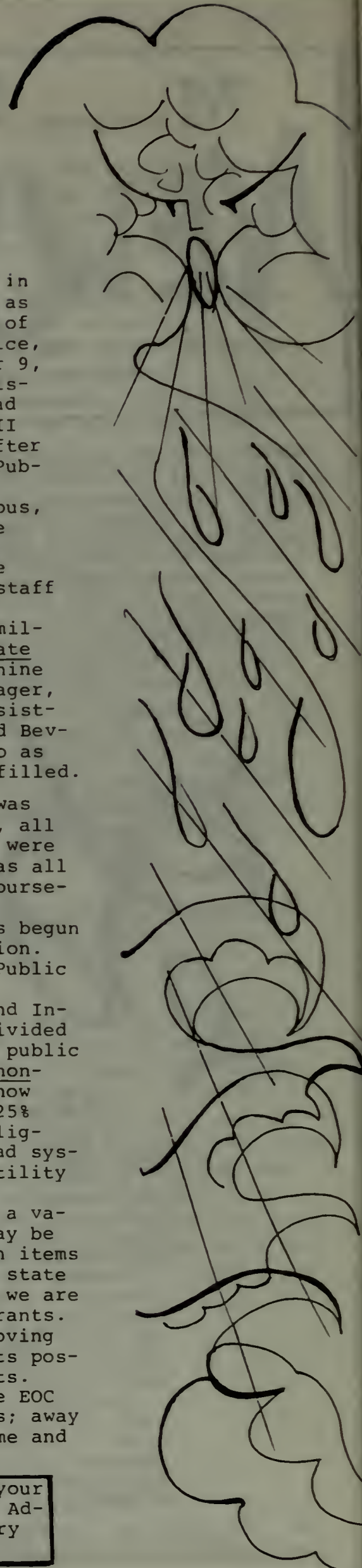
Once the damage survey reports were certified, documentation was begun on each city, town, state agency, and private non-profit organization. To date, for hurricane 'Bob,' we have 432 separate applicants for Public Assistance, and over 68 separate applicants for the coastal storm.

For the coastal storm, a declaration was made for both Public and Individual Assistance, and it was at this point that our department divided into two sections to cover both programs. Public Assistance serves public entities only, that is cities, towns, state agencies, and private non-profit organizations. Sustained damages deemed to be eligible are now reimbursed in this program at the rate of 75% from FEMA and up to 25% by the Commonwealth. Historically, Massachusetts has paid 12.5%. Eligible cost categories are: debris cleaning, protective measures, road systems, water control systems, buildings and equipment, and public utility systems.

Individual Assistance covers the individual/family and includes a variety of programs and agencies. Once an applicant registers, s/he may be eligible for Individual Family Grant Assistance which includes such items as home repair, medical/dental assistance, and transportation. The state portion for this program is 25% and FEMA's portion is 75%. To date we are estimating approximately \$688,000 and \$2,500,000 respectively in grants.

That's where we have been. Now the Disaster Recovery Group is moving forward, working to ensure that the optimum financial reimbursements possible materialize for the communities and residents of Massachusetts. And, we are all very happy that this work will be carried on at the EOC in Framingham. We had worked in Hyannis for three and a half months; away from our friends, families, and colleagues, now we are back home and it's good to be home!

For further details on how the foregoing information affects your particular town/city call Christine Heanue, Public Assistance Administrator at (508) 820-2056 or Susan Frates Disaster Recovery Group Administrative Assistant at (508) 820-2058.



NUCLEAR POWER

FALL, 1991 NUCLEAR POWER PLANT EXERCISES

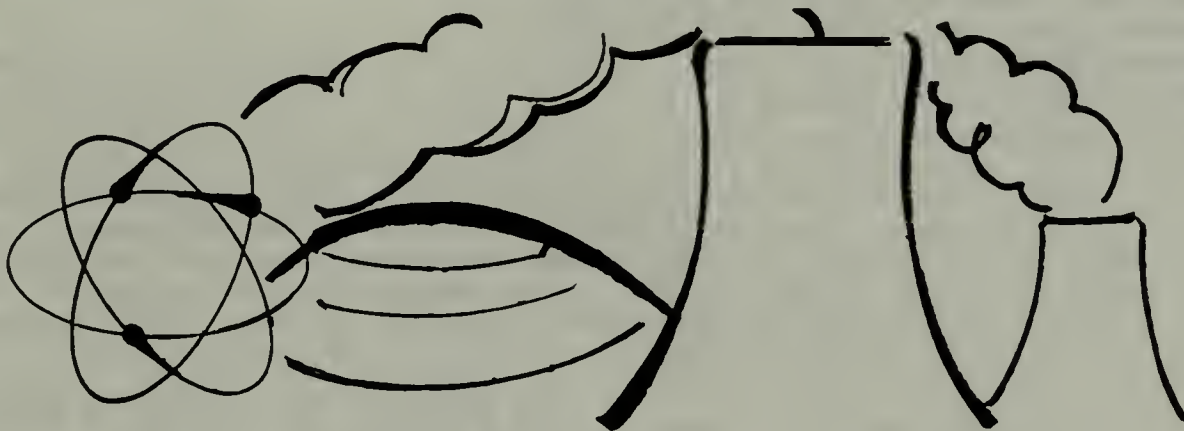
by Doug Forbes
MEMA Planning Director

After many thousands of hours of planning, training, drills, meetings, etc., the full-scale graded exercises were held for the Vernon, Vt., and the Plymouth, Ma. nuclear power plants this fall.

Participants including local, state, and federal public employees and hundreds of volunteers total several thousand emergency workers. The exercises were graded, observed, and evaluated by a corps of over one hundred nuclear power experts recruited from across the U. S.

The towns and the state were alerted and facilities such as emergency operating centers, shelters, reception centers, emergency worker monitoring and decontamination sites, bus and ambulance dispatch facilities, and schools in both the ten mile emergency planning zone and host schools ready to receive the relocated students became operational.

The success of the coordinated action was made possible only because professional staff at all levels of government, and private industry, and the volunteers work on a year-round basis to insure that in an actual emergency the health and safety of every person is considered and maximized.



Immediately prior to these exercises, last minute adjustments are made if it appears that certain emergency workers may not be available. Extra National Guard people are summoned, state forestry people are mobilized and help is received from pre-trained teams of radiological experts from out-of-state utilities. Private public health specialists are trained by, and work side by side with their counterparts from the Department of Public Health.

The compression of events that, even in a rapidly developing situation, would probably take many hours or even days is necessary to test all the systems in a single day. The work can be exhilarating but exhausting and the reward is the measure of satisfaction that your contribution could someday be important to the health and safety of another human being.

Exercises, in some ways, are just the beginning of the process. After reviewing who did what and how, followed by an analysis of what could be done better, the process of rewriting the plans and procedures begins anew.

Emergency management planning is a dynamic and continuous process. The best test for an emergency plan is found in coping with the actual event. Hopefully, we will never need this type of experience to test the Radiological Emergency Response Plans. We have also developed plans for natural disasters such as hurricanes/floods/blizzards etc. and plans for response to hazardous chemical accidents. In these plans the identical process of hazard recognition, plan development, testing and exercising is followed. The fact that these plans work well and lives and property have been spared attests to the usefulness of the process.

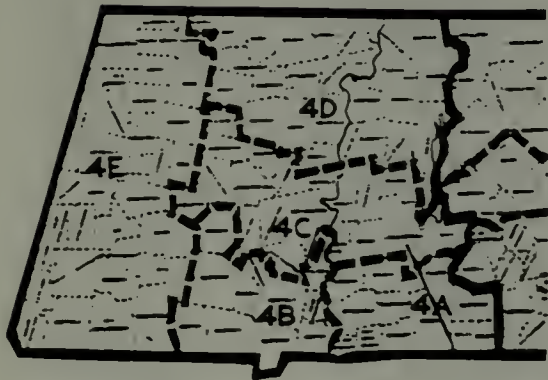
A big thank you to all who have helped in the constant plan improvement process and the successful completion of the drills and exercises. We count on your continued support as well as constructive criticism in order to enhance our mutual goal of optimum public safety.

OPERATIONS

MEMA MAJOR OPERATIONAL EVENTS OF 1991

Logged and Submitted by Jerry Meister
Operations Officer

- January - Director Boulay Retires
EO 144 Stress Management Seminar
Desert Storm Repatriation Plan Developed
Regional SERC Conference in Andover
Unusual Event at Pilgrim NPP
- February - EO 144 'Show and Tell' Meeting
- March - Director Rodham Begins His Tenure
Flood Watches and Warnings, Both Coastal & Inland
NWS Regional Mtg. re Berkshire Notification
SLOSH Updates
Participation in Boston Marathon Planning
EO 144 Meeting on Spring Weather
- April - NWS Severe Weather Exercise
Unusual Event at Pilgrim NPP
FEMA Special Training Exercise
Flood and Wind Watches and Warnings
Unusual Event at Vermont Yankee NPP
Unusual Event at Pilgrim NPP
Work on Governor's Roster



- May - Public Hearing re Seabrook NPP in Newburyport
Thunderstorm Watches and Warnings
Fed/State Emergency Exercise on Flooding
Flash Flood Watches and Warnings
Sheffield and New Marlboro Mitigation Plan Money
EO 144 Meeting on Seabrook
- June - Run of the Rivers: Connecticut & Deerfield
Thunderstorm Watch and Warnings
Emergency Management Expo 91 Planning
IFG Plan
Energy Conference
Electrical Energy Plan for Shortfalls
Alert at Rowe NPP
- July - Thunderstorm Watches and Warnings
Governor's Proclamation on Hurricane Preparedness
Thunderstorm Watches and Warnings
Agency Name Change to MEMA
EO 144 Meeting on 'Hurricane Janice'
- August - Hurricane 'Bob' (Gov. declaration of State of
Emergency and Presidential Disaster Declaration)
Thunderstorm Watches and Warning
Unusual Event at Seabrook NPP
- September - EO 144 Meeting on Nuclear Power
Emergency Management Expo 91/Gov. Proclamation
- October - Vermont Yankee NPP Drill
Unusual Event at Pilgrim NPP
EO 144 Meeting on 'SARA' Title III & Dam EAPs
'Nor'easter' Coastal Storm (Gov. declaration of
State of Emergency and Presidential Disaster Dec.)
Disaster Application Center Established
- November - Vermont Yankee NPP Graded Exercise
Regional SERC Conference in Springfield
Winter Weather Advisories
Pilgrim NPP Drill
- December - EO 144 Meeting on Winter Weather
Pilgrim NPP Graded Exercise
Winter Weather Advisories
Nuclear Transportation Incident in Springfield
MEMA EOP Draft to FEMA



CIVIL AIR PATROL ASSISTANCE TO THE COMMONWEALTH
by Jerry Meister
Operations Officer

The Civil Air Patrol is a non-profit volunteer corporation chartered over 50 years ago by the U. S. Congress, and is governed by a national board of directors. It is also chartered as a volunteer civilian auxiliary of the U.S. Air Force. The mission of the CAP is to provide three basic functions: emergency services, the cadet program, and aerospace education.

Under provisions of several 'Memoranda of Understanding' the 'Massachusetts Wing CAP' has become an invaluable asset to the Commonwealth in assisting with emergencies by providing aircraft search and recovery, lost personnel searches, and environmental hazard detection.

Colonel Ed Raymond commands the thousand plus members of the Mass. Wing CAP which has squadrons, aircraft, and equipment located throughout the state. About half of the Wing consists of cadets, (21 years old or younger) who obtain rank by progressing through studies, physical fitness activities, and aerospace education.

The Mass. Wing has supported the state in numerous ways before, during and after various types of emergency incidents, and in miscellaneous non-emergency missions. Examples include: observation flights for federal and state assessments for determining disaster relief fund disbursements, aerial reconnaissance of vehicle routes for traffic control, and for illegal discharge of chemicals, missing person searches, aircraft crash searches, and nuclear power plant exercises. One of the more interesting and frequent CAP missions is searching out and locating Electronic Locator Transmitters - an impact-activated device that sends out impulses which are monitored by an orbiting U.S. Air Force satellite. The ELTs are normally put into boats or aircraft so that emergency signals can be given should the need arise. The satellite is monitored 24 hours a day by Air Force Rescue Center personnel at Scott Air Force Base in Illinois. Upon receipt of a signal from an ELT, MEMA is notified that the Mass. Wing CAP will be activated to search for it within a certain general area. The CAP then uses its personnel and specialized radio equipment to track down and report the ELT's location. Almost all of these missions have been the result of inadvertent activations caused when the ELT was dropped or roughly handled. ELTs have been located in such places as airplane cargo compartments, airfield storage areas, closets in pilots' homes, on boats, cars, trucks, and other areas that would not be thought of under normal circumstances.

A thank you to the CAP for their continuing provision to MEMA and the Commonwealth of a very valuable and versatile asset.

BUNKER BITS

MEMA distributes a little light-hearted (and sometimes light-headed) in-house newsletter each month entitled "Bunker Bytes." It deals with the lighter side of our agency's news, personal odds and ends, (e.g. recipes, birthdays, 'what I did on my summer vacation' type stuff), as well as announcements and information of a not-too-serious nature that are of interest to our immediate (EM) family. In keeping with that brand of title alliteration I decided to dub this column with the above title as it describes news and events, that while definitely being of interest and importance, are a bit lighter than some other topics in this newsletter:

DON BELL of our Nuclear Safety Emergency Planning Division submits the following which will interest many of you:

The 2nd Annual Radiological Emergency Preparedness Conference will be held in Boston at the Park Plaza Hotel from February 4th to the 6th. This will be a forum at which radiological health professionals from across the U.S. will share their experiences on a variety of REP issues & exchange ideas on an informal basis. Don will be appearing on a panel on "EM Issues" and also give a presentation on dosimetry training. Paul Ares, the supervisor of MEMA's M&C Division will be speaking on dosimetry repair. The registration fee is \$70.00 in advance and \$80.00 at the door. For further information, call Don at (508) 820-2044.

From MARK FOSTER'S North Shore 'EM News' comes this idea for a really different and fascinating family outing: "Yankee Rowe, the 178 megawatt pioneer nuclear power station has been voluntarily shut down for a safety evaluation. The plant owners have extended an invitation for the public to visit the facility every Saturday this winter." (Ed. note, I've been on this tour, it's very interesting; the kids - especially the somewhat older and scientifically inclined ones would love it.)



On the left, Tony Siciliano, Quincy Emergency Management Director; and on the right, Dave Rodham, MEMA Director at "EM EXPO '91."

Emergency Management was conspicuous in two 'Fall Festival' type of activities this past year. THE NORTHERN BERKSHIRE AMATEUR RADIO CLUB, INC. co-ordinated the activities and program changes and provided any needed emergency communications for the Northern Berkshire Fall Foliage Parade sponsored by the Northern Berkshire Chamber of Commerce in September.

Mother Nature also provided a beautiful September Day for MEMA's 1st Annual Emergency Management 'EXPO 91.' Those of you who attended know it was a great success with Gov. Weld setting the tone with a proclamation declaring Sept. 23rd through the 29th as "Massachusetts Emergency Volunteer Week." Many agencies and individuals participated including FEMA, USCG, EPA, CAP, State Police, Metro Police, NG, DEP, DEM, Forestry, Red Cross, VOAD, SP K-9s, Framingham Auxiliary PD, Quincy EM and many more. A Big Thank You to EVERYONE who contributed to making the day a success.



In our towns and cities, the staunchly beating heart of emergency management not only responds when the need arises in an emergency, but also addresses the details of the every day concerns of public safety...

And the beat goes on:

Billerica, December 16, 1991 - From the 'Lowell Sun': "The Town of Billerica is to be commended for its prompt and compassionate response to the 71-car pileup which brought traffic to a screeching halt on Rte. 3 southbound for nearly three hours on Monday morning." 'The Sun' goes on to describe how Billerica Emergency Management Director, John Riel, with the assistance of his EM team, the police & fire depts. and his trusty 'CEM' plan worked to "insure that injuries were minimal and promptly treated" and that those with needs for transportation and other assistance were promptly helped. Riel transported people to Billerica Town Hall where they could warm up while arranging their alternate transportation. Billerica's public health nurse, Barbara George said that people were suffering from anxiety and cold, but, thankfully, not much else. Riel and his staff provided a warm room, coffee, telephones and the much needed chance for people caught up in the frightening incident which occurred on a very cold morning, to talk with others experiencing the same distress. As the 'Sun' said, "It was work above and beyond the call of duty and helped make a miserable situation a little less so for people who needed a helping hand in trying times."

Quincy, December 11, 1991 - Once again, Tony Siciliano, Quincy's Emergency Management Director sends us news of one of the activities in which he is involved:

The 'S.S. Wright,' a ship docked at the Fore River Ship Yard upon its return from the Persian Gulf has donated all its food products to shelters and other charity organizations in the city of Quincy. Some of the beneficiaries of this food donation included the Salvation Army, Pantry Shelf, Southwest Community Center, Father Bill's Shelter, the Crisis Center, and St. Boniface Pantry. Tony says "God bless these kids; they're working so hard," as he refers to the ROTC students who spent many long and grueling hours carrying hundreds of pounds of food off the ship and onto trucks provided by Star Market and the National Guard. But a lot of those blessings should go to Tony too, as he, along with his EM organization, coordinated the whole program. "it was a wonderful effort," said Barbara Johnson, director of the Pantry Shelf. The shelters that received the food prepared holiday baskets which went to families of the unemployed.

Fitchburg, October 28, 1991 - Fred Buck, who is a relatively new local Emergency Management Director (taking over in Fitchburg from Ray Stone who retired after many productive years in that position), was very impressed with a mass casualty drill which was held in that city last fall. The scenario involved a simulated bomb threat and fire in a high rise at Fitchburg State College. The incident was made more 'real' with moulage and non-toxic smoke. Fitchburg Fire Dept., Patriot Ambulance, C-Med, Life Flight, and Burbank Hospital participated, and 'mutual aid' was provided by Lunenburg and Shirley Fire Depts., Leominster Civil Defense and ambulance, and Fitchburg Civil Defense lighting plant, all of whom responded and actually sent vehicles to the scene.

Mr. Buck said that the information lecture provided before the drill was an eye-opener, that each problem during the drill was handled effectively as it occurred, and that the ubiquitous problem of lack of manpower and equipment was observed, and thus understood by all participants

Continued From Page 7

Springfield, December 16, 1991 - A local EM incident that gained state-wide notoriety thanks to day-long media coverage was the collision in December which resulted in the burning of containers containing nuclear fuel on I-91 in Springfield. John Pappas, MEMA Area IV Director provides this account of the incident:

An early morning collision between a car and a truck resulted in the implementation of the City of Springfield's hazardous materials response plan ('SARA - Title III, Annex N of the CEM Plan). The accident occurred just after 3:00 AM on December 16th on I-91 in the heart of Springfield and involved a burning truck carrying eight steel-reinforced containers with 11,000 pounds of enriched uranium dioxide fuel bound for the Vermont Yankee nuclear power plant in Vernon Vt.

City officials coordinated the response effort from a command post set up in the lobby of the Marriott Hotel. The State Police, Public Health NIAT Team, DPW crews, and the Area IV Director all responded to provide any needed support to Springfield officials throughout the incident. Vermont Yankee also dispatched teams to support the operation with monitoring and nuclear fuel transfer activities.

Throughout the day Springfield traffic was severely disrupted because of the need to close off some of the city's major roadways to protect the public. By 3:00 PM the fuel was transferred to another truck and hauled away. None of the containers had ruptured and there was no release of any radioactive material. The incident was officially declared over at 4:55 PM.

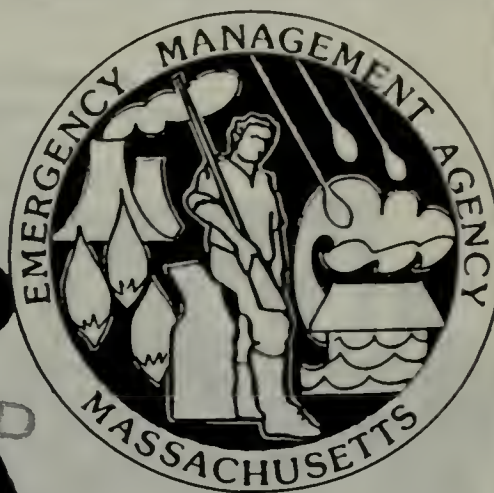
John also sent part of an article from the Springfield paper which interestingly notes that Springfield seems to be on fate's Hazmat blacklist. Over the years, since 1988, Springfield has experienced 6 significant hazardous materials emergencies including the closing of I-291 because the leakage of styrene monomer gas, the explosion of 500 barrels of chlorine at a swimming pool supply company causing the evacuation of 20,000 people, the puncture of a natural gas line near I-91 causing the closing of that road and the evacuation of nearby buildings, the spillage of 1,900 gallons of diesel fuel - again on I-91 - which took 1½ days to burn off, and, of course the mystery fumes which leaked out in the area of the State St. furniture warehouse causing scores of people to become sick and thousands to be evacuated.

Other sections of Western Mass. have had their share of hazmat emergencies including the train derailment and chemical fire in Greenfield in 1985, and the alert at Yankee Rowe NPP caused by a lightning strike in June of last year. HOWEVER, Springfield, Greenfield, Rowe, and the rest of the communities in that fated area (as well as in the rest of the state) have excellent Emergency Management organizations...as the thorough and competent handling of these incidents can attest to. So, whatever the dark fates are that are sending these challenges our way.. we don't like it much, but WE CAN HANDLE IT !!



MASS. EMAIL. 3:1/3 ✓

M.E.M.A. Newsletter



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Volume 1
Number 3

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A. David Rodham
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Once again, for your enlightenment, edification, and entertainment, the Massachusetts Emergency Management Agency presents its Quarterly Newsletter.

Included this time are articles on the Agency's goals and objectives, an update on the planning for Seabrook nuclear power station, a summary of the work of the Disaster Recovery Group, a description of the upcoming "Sail Boston" event, and a trip down "Memory Lane."

You will also find articles concerning emergency management activities at the local level in communities representing all four of the MEMA Areas.

And, for the first time, we are delighted to present two contributions from outside agencies. The Department of Mental Health, through Mary Margaret Moore has presented us with a piece about their "Storm Aid Project," and one of our Airforce IMAs provides information concerning the recent SERC training meeting.

In addition to all of this, we are including a few "bunker bits" of disconnected, but definitely informative, emergency management facts and figures.

And so to begin. First on the docket: a message from our Director, A. David Rodham.

DAVE'S DEN ● ● ●

THOUGHTS FROM MEMA's DIRECTOR

This is our third publication of the MEMA quarterly newsletter and we appreciate the favorable feedback that we have had from many readers.

As we endure or enjoy early spring with its 80 degree days alternating with snow squalls, we foresee a busy late spring and summer. The Seabrook drill and exercise schedule has enveloped much of our agency as well as many emergency responders from state, local and private agencies or groups. The full-scale graded exercise on June 4, 1992 will not end our involvement with Seabrook. After the exercise and evaluations are complete, we must deal with planning, staffing and equipment issues generated by our collective response and critique.

Cont. on P. 2

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Cont. from P. 1

Massachusetts will not assume responsibility for the off-site response responsibility for Seabrook until we are certain that plans, procedures, equipment and personnel for an effective local and state response are in place. Further, we will insist that a signed agreement with the utility will ensure that the means for the maintenance and upgrading of all systems is in place.

As we found out late last summer, public safety and emergency management never takes a vacation. To that end, we will be upgrading plans, training and exercising for the possibility of natural disasters such as hurricanes and man-caused disasters such as chemical spills. The possibility of federal planning funds and additional training funds through the Department of Transportation will accelerate our activity in the HAZMAT area. At least 75 % of the anticipated funding will be passed through to local government.

It goes without saying that I appreciate the cooperation given this agency by the Governor's office, the Secretary of Public Safety, state agencies, local government and the thousands of emergency management volunteers. I would also like to again invite any of the readership to contribute to this newsletter. MEMA may collect and edit the publication, but everyone with an emergency management or public safety message is welcome to join those who now help to fill these pages.

TRAINING NEWS

The MEMA Emergency Management Training program will be offering the following courses for State and local EM and related organization personnel.

May 27 - Public Officials Conference on Summer Weather at the Framingham EOC.

June 23-24 - Developing Volunteer Resources - will be held in Woburn.

July 21 - Workshop on State and Local Continuity of Government.

August 11-14 - Exercise design Course.

Applicants who must travel more than 25 miles may apply for overnight accommodations. These programs are FEMA Field Courses and represent the movement to offer uniform professional EM training nationwide. For application forms, contact your MEMA Area Office. For further information, call Arlene Margolis, Training Officer at (508) 820-2018.



(2)

MEMA's VISION FOR THE FUTURE

BY Ed Fratto

ASST. DIRECTOR

NUCLEAR SAFETY (NSEPP)

A. David Rodham, Director of the Massachusetts Emergency Management Agency (MEMA) has set forth his agency goals and vision for FY 9. One of the Director's primary goals is to increase the value MEMA to all of the agencies, departments, elected officials, volunteers and private citizens that we work with on a day to day basis. We know of the value of MEMA and emergency management and need to convey our professionalism and optimism to all those with whom we interact.

In the area of finance, the Director's vision for the next year sees MEMA further decreasing its percentage of state funding relation to its total budget. MEMA presently receives over 50 percent of its budget from sources other than state funds. This is a good percentage, however, it can be further increased through aggressive pursuit of public and private grant funds coupled with an entrepreneurial spirit.

Improving the assistance and services that we provide to the 300 local cities and towns is a high priority. Director Rodham will increase contact with local civil defense and emergency management personnel through our field staff. We want to work more closely with local officials as a team to address the present and future challenges facing emergency management in the Commonwealth. We intend to do more with formal recognition of local emergency management directors and outstanding programs and accomplishments.

Enhanced training opportunities for all MEMA staff and local officials is an additional goal that the Director has established. All MEMA employees and other emergency management officials are encouraged to participate in training and other employment development activities. MEMA will provide additional training opportunities for state and local officials as well as formal recognition of training completion.

The vision for the next year is exciting and challenging and together we can make it happen. Achievement of these goals will result in increased funding, leadership, professionalism and visibility for emergency management in the Commonwealth. And, most importantly we will achieve a more effective program to protect the public in time of emergency.

DISASTER RECOVERY UPDATE

BY Douglas Forbes, Jr.

INDIVIDUAL ASSISTANCE OFFICER,
DISASTER RECOVERY GROUP

The Disaster Recovery Group reports that the first major round of mailing is completed for hurricane "Bob," and the October '30 storm with No Name."

On January 10, 1992 we began to process reimbursement payments to local communities, private non-profit organizations and state agencies.

This has been very rewarding work in that we have had the privilege of working with some very dedicated officials from the different sectors of society and all government levels. It's important to note that many of these officials are volunteers, giving of themselves to help their communities.

As we move on to the next step of Disaster Recovery it's important to understand that this is a very detailed process. It is not uncommon to have an applicant receive numerous reimbursement checks over the course of many months.

If you have any questions, please feel free to call Doug Forbes Jr. at 508-820-2065 for help to guide you through the application process. Always remember: we're here to help you!

Here are some statistics regarding storm recovery reimbursements that you may wish to know:

As of early April, we had 446 applicants for aid from Hurricane Bob and 77 applicants for the October storm.

We have disbursed \$13 million dollars for "Bob" and about \$1 million dollars for the October storm at that time, and we're still going.

Finally, we wish to extend many thanks to all of you who worked so hard at putting your applications together. We know that gathering all the required information was no easy task. Keep up the good work!

From the Department
of Mental Health

Mary Margaret Moore,
DIR., CLIENT SERVICES OFFICE

UPDATE ON STORM AID PROJECT'

BY

Linda Benezra



At a recent presentation of Federal
Disaster Reimbursement Funds

L-R

Dir. of Disaster Recovery Group,

Bud Iannazzo,

MEMA Dir., A. David Rodham,

Lt. Gov., Paul Cellucci,

Area I Dir., Kevin Tully,

Area II Dir., Tom Rodger,

Asst. Sec. Public Safety, Dale Jenkins

Commissioner Eileen Elias of the Massachusetts Department of Mental Health has announced the awarding of a Federal Government grant to aid storm victims of the October 30, - Nov 2, 1991 storm which ravaged over 1500 miles of Massachusetts coast line. The storm, commonly called, "the Storm with No Name," continues to have a significant impact on many of the Commonwealth's citizens. This award guarantees the continuation of the outreach efforts which began shortly after the storm.

PROJECT STORM AID was funded by the Federal Emergency Management Agency and the National Institute of Mental Health to address the emotional impact of the storm. In the aftermath of the storm, the trauma of survivors who have lost their home, livelihood or land around their home, can be profound. The purpose of the program is to identify the types and degrees of services needed to deal with the emotional reactions to the storm; permit those affected by the storm to share their emotional reactions with concerned outreach workers; provide appropriate crisis counseling referrals for additional mental health services, when needed; and encourage linkage with other local social and financial supports. The grant will conclude on November 30, 1992.

The Department of Mental Health is the Commonwealth's designated agency to provide crisis counseling to victims and first responders during a state and/or federal emergency. Due to the high level of loss and trauma as a direct result of the storm, it was necessary to seek funding from the federal government for the services to access the needed mental health interventions. Outreach workers are available for all the affected communities on the north and south shores as well as Cape Cod and Nantucket. They will be working with Northern Essex Mental Health Center, South Shore Mental Health Center, and Project Rap as well as specially trained outreach workers.

(3)

For further information, call Karen McLaughlin, Project Director at STORM AID: 617-727-5500, ext. 290.



HURRICANE SEASON IS ON ITS WAY AND

Bob Pessin, our DPIG Planner came across this article in USA Today concerning hurricane planning and preparedness. It is thought provoking. I Quote: "Communities that are prone to hurricanes need to concentrate evacuation plans on areas likely to get storm surges of at least 3 feet, and should move people as short a distance as possible experts said. The recommendations are based on a private consulting study of evacuation plans under worst-case scenarios, such as powerful hurricanes during the peak of the tourist season."

The study found it would take 50 hours to evacuate Fort Myers (Florida). 'There's no way that we're going to be able to provide that kind of leeway,' Bob Sheets, Director of the National Hurricane Center in Coral Gables, said Thursday. The study's author, Donald Lewis, suggested concentrating on 'in-county (in the case of Mass., in-town or in-area) sheltering, and teaching people how to survive' in their home if they're not going to flee a life-threatening storm."

An interesting side note: Bob Pessin called the newspaper for further information and found out that New England was not consulted as the study was being conducted. I wonder if they think we don't have hurricanes here!

SEABROOK UPDATE

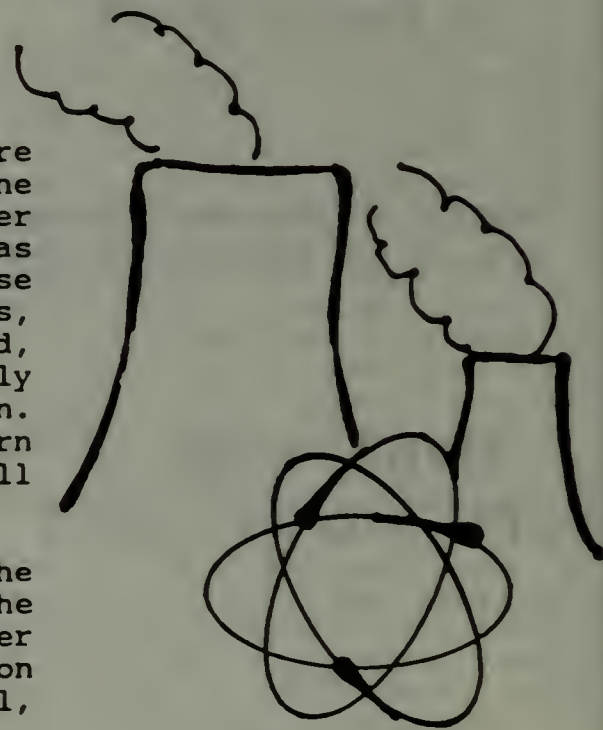
BY Mike Philbin

REGIONAL PLANNER
(NSEPP)

During the past few months, MEMA has been working hard to prepare for the May 6th drill and the June 4th graded exercise of the Seabrook NPS emergency plan. Since Governor Weld's Executive Order of last April, directing MEMA to resume planning, a great deal has been accomplished. Uncertainty regarding state and local response capability is slowly being replaced by plans, procedures, facilities and trained personnel. What has been done so far would, at a minimum, enable the Commonwealth to respond more effectively within the current utility sponsored off-site response plan. However, the planning which is on-going is aimed to a full return by Massachusetts to the process. The June 4, 1992 exercise will test Massachusetts' sponsored plans.

The amount of effort required so far has been substantial and the pace steady. All members of the NSEP group have contributed to the process, in many cases adding Seabrook to their other responsibilities. The same can be said for just about every person in the agency to some degree. The cooperation has been substantial, and is appreciated.

The next round of Seabrook activity will involve MEMA, New Hampshire Office of Emergency Management, New Hampshire Yankee, local officials and other state agencies in team-building training sessions and mini-drills prior the May drill and June exercise. The outcome of the May drill will be reviewed and additional training provided as needed. If you would like further details regarding Seabrook, please call Mike Philbin (508)820-2038. Thank you.



REPORT ON SERC PUBLIC OFFICIALS CONFERENCE

BY Col. Mary Coyle

USAFR, NC IMA

On March 24, 1992 the Massachusetts Emergency Management Agency sponsored a day-long educational conference at Demetri's Convention Center in Foxboro, MA. Registered participants included 300 Public Officials from communities state-wide. The response was as gratifying as the program content with both interest and enthusiasm running high.

Guest speakers included Richard Strome, Federal Emergency Management Agency Region I Director who updated the audience on Emergency Response during the recent flooding in Montpelier, Vermont. His description of a seven foot wall of water which froze into glacier-like configurations was captivating. His observations that the emergency workers and volunteer are "the heart of America" was impressive.

Following, with an overview of Commonwealth Emergency Management was A. David Rodham, MEMA State Director. Additional comments were offered by Senator William Keating representing Norfolk and Bristol counties. SARA Title III and related programs were well presented by Ray DiNardo of the Environmental Protection Agency. A comprehensive and enlightening program was offered by Michael Elliott, Environmental Engineering Manager from Texas Instruments. The positive aggressive measures undertaken by this company to safeguard the environment was reassuring to all and represented a role model of a conscientious corporation.

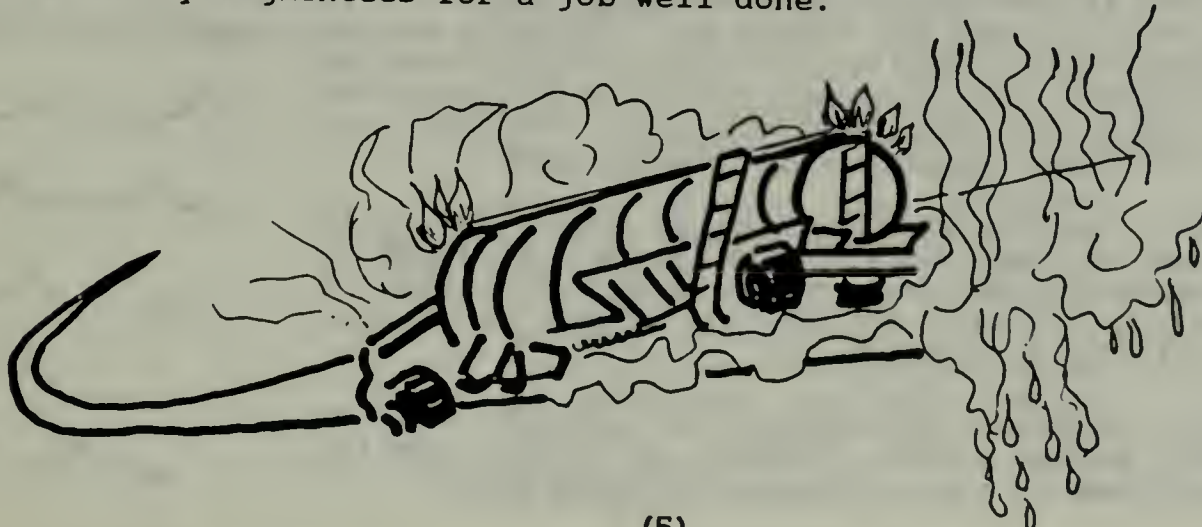
The next speaker was Robert Hallisey, Radiation Control Director, MA Department of Public Health, who gave a thorough briefing on the Radioactive Fuel Accident in Springfield, MA. The accident, occurring on Interstate Route I-91, was potentially catastrophic, but was handled expediently with no hazardous release.

A most enjoyable presentation on the "Perils and Pitfalls" of Local Emergency Planning Committee Implementation ensued, given by Fire Chief Ronald Churchill of Attleborough. He thoroughly and masterfully discussed the on-the-scene, minute-by-minute changing scenarios that occur during crisis response. A seasoned veteran and personable charismatic briefer, he is the essence of the true professional!

As the day quickly progressed, every minute was filled with learning opportunities. We then heard a brief presentation by Eric Arvedon, of the MA Environmental Protection Agency. During lunch, Thomas Rapone, Secretary of Public Safety made a presentation. The program concluded by an intense thought-provoking lecture by Attorney Gregor McGregor on "Minimizing Legal Liabilities for Emergency Managers." McGregor specializes in Environmental law. He presented current issues regarding air and water pollution, toxic

substances and hazardous waste pollution, wetlands and floodplain protection, zoning, public health and safety, water supply protection and coastal zone management.

Closing remarks were then offered by Thomas Rodger, MEMA AREA II Director and Program Coordinator who accepted critiques and creative ideas for future programs from a motivated and enthusiastic audience. Truly, it was a productive day well spent! Kudos to Rodger. Ms Dale Sena, Area II secretary and the Area II Military Augmentees for a job well done.



"I must go down to the seas again,
to the lonely sea and the sky.
And all I ask is a tall ship,
and a star to steer her by.

And the wheel's kick,
and the wind's song,
and the white sail's shaking
And a gray mist on the sea's face,
and a gray dawn breaking."

From "Sea Farer" by John Masefield
1902

SAIL BOSTON

BY Arthur Boyle MANAGER,
EARTHQUAKE HAZARD MITIGATION PROGRAM

In commemoration of the 500th anniversary of Columbus' discovery of America, the "tall Ships" will be returned to Boston. The event, running from July 11-July 16 is tagged "Sail Boston." With an expected 180 or more tall ships, this event will be 4 to 5 times as large as former events in the number of vessels participating. Sail Boston's organizer, Dusty Rhodes, of Conventures, Inc., is a dynamic businesswoman with tremendous organizational skills. She is joined in this endeavor by the Commonwealth of Massachusetts and Governor William F. Weld and the City of Boston.

Also participating will be the coastal communities from Cape Cod to Marblehead, Massport, Massachusetts' Public Safety groups including the State and local police departments, Massachusetts Army National Guard and MEMA. The Massachusetts Public Health agencies will also play a major role along with the Coast Guard and the United States Navy.

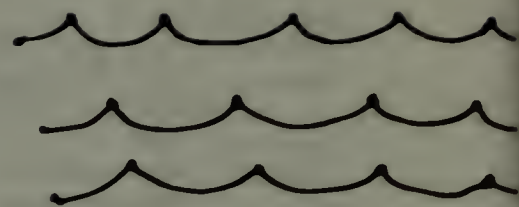
The magnitude of this event is expected to draw millions of tourists to Greater Boston and millions more dollars to the local economy.

Sight-seers looking to steal a glimpse of what is heading our way can keep an ear tuned for the flotilla parading through the Cape Cod canal. As the event draws near, specific times for viewing will be made public.

"Sail Boston" will easily eclipse any event happening in Boston this year. (Unless, of course, the Sox win the World Series. For history buffs interested in the 500th anniversary of the discovery of America, you will note the Red Sox always win the World series following a Russian revolution.) Public transportation is expected to be tested to the fullest. Public safety resources are expected to be stretched to their maximum. Residents and visitors are expected to have a wonderful time at a world class event.

From MEMA's perspective, the Executive Office of Public Safety in the persons of Dale Jenkins, Secretary Thomas Rapone's designee to the event and Amy Dominici have their "fingers on the pulse" of "Sail Boston" and anticipate large but orderly crowds and a week that Greater Boston will long remember.

Questions about "Sail Boston" and MEMA's involvement may be directed to A. David Rodham, MEMA Director or Arthur Boyle, Director Rodham's appointee to the event representing MEMA.

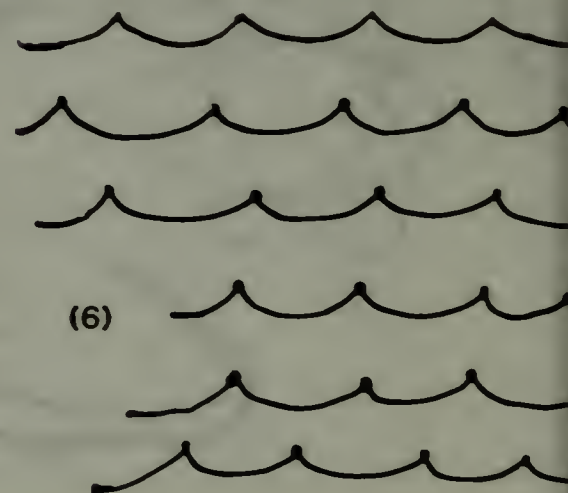


FLOOD INSURANCE REMINDER

A reminder concerning flood insurance from an article that appeared in the Rockingham (NH) County News:

"The National Flood Insurance program (NFIP) is a federal program enabling property owners to purchase insurance protection against losses from flooding. Until recently, such coverage was generally unavailable from private insurance companies. Participation in the NFIP is based on an agreement between local communities and the

federal government which states that if a community will implement and enforce measures to reduce future flood risks to new construction in flood hazard areas, the federal government will make flood insurance available within the community as a financial protection against flood losses which do occur. The NFIP was established with passage by Congress in 1968. The protection was broadened with the Flood Disaster Protection Act of 1973.



MEMORY LANE

"Could it be that it was all so simple then, or has time re-written every line?" ("The Way We Were").

Our Operations Officer, Jerry Meister, has quite a collection of Civil Defense/Emergency Management memorabilia. He calls it his "Archives." The other day he dug up an article from the September, 1963 issue of the *New Bedford Standard Times* which describes the newly opened, and (at that time) fascinating Massachusetts Civil Defense Emergency Operating Center.

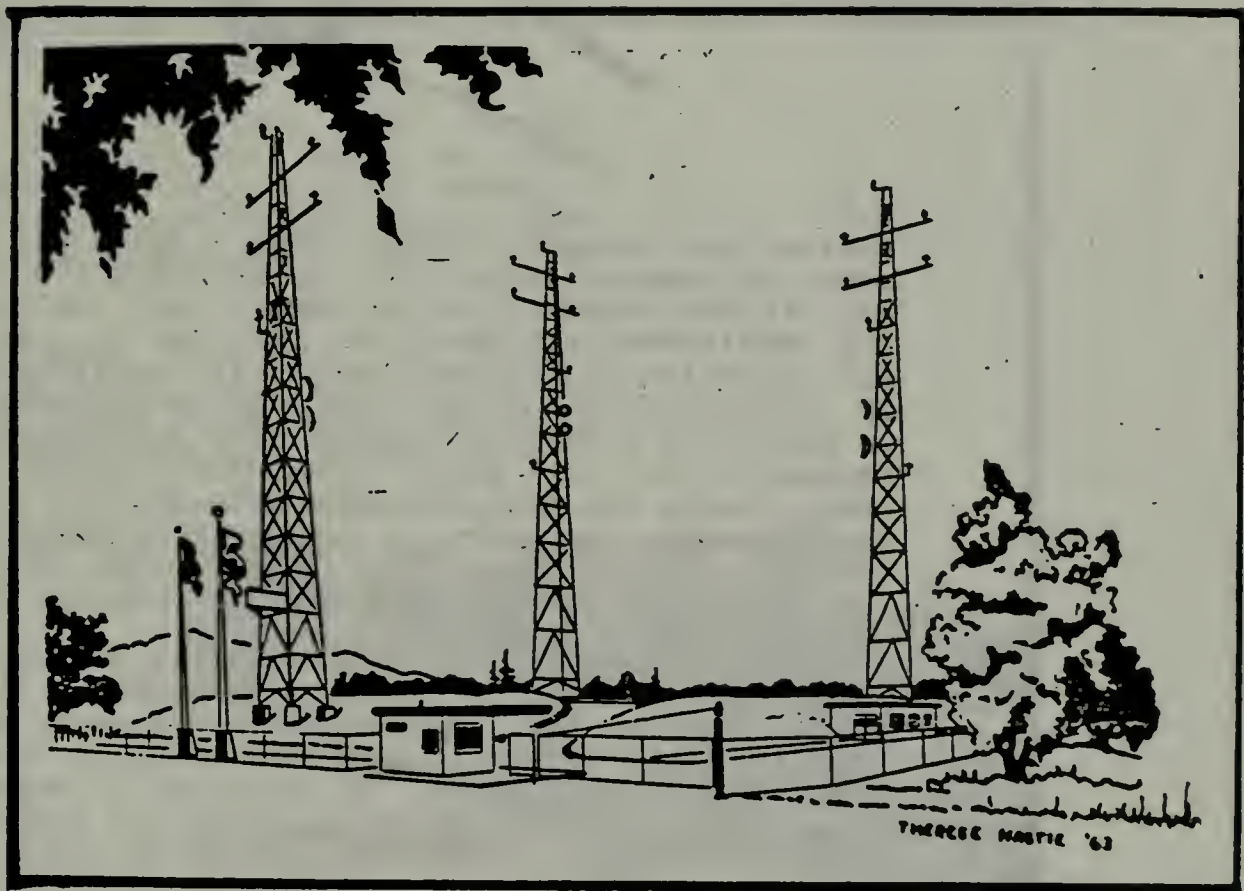
Our EOC, back in 1963, was the first Civil Defense headquarters in the United States to be constructed totally underground, and it cost a whopping \$2,500,000.00 (Could you build a mansion in Wellesley today for that price? Probably not!)

The article included many statistics that you readers may not know, and might find interesting:

- * When the EOC opened it had a staff of 45 people. (In later years that number swelled to over 100 for a time, but was then, once again reduced to under 50).

- * The structure was, and is 220 by 160 feet, and covered by 5 feet of compacted earth. The reinforced concrete roof is 3 feet thick and the walls are 20 inches thick. it would be able to withstand the blast effect of a 20 megaton bomb detonated 3 miles away.

- * The structure is designed to

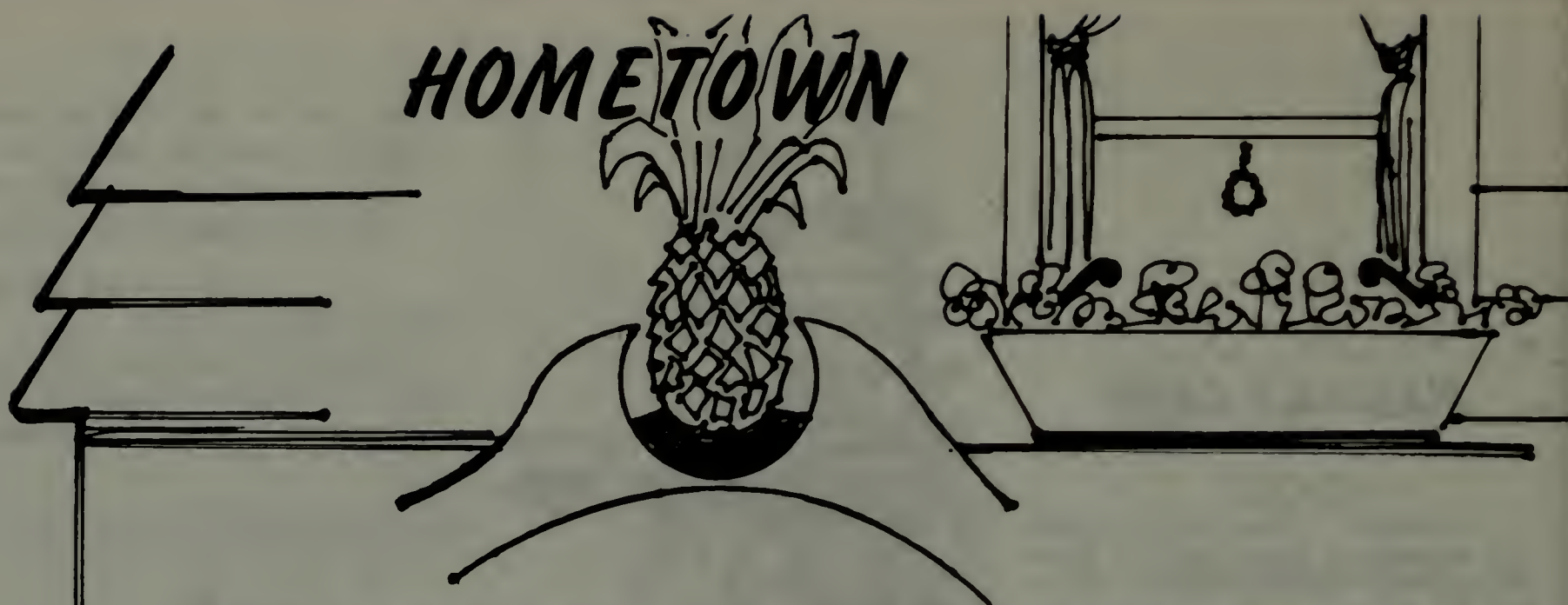


Sketch by Therese Hastie which appeared with 1963 newspaper article

move 3 inches horizontally, and 9 inches vertically and then snap back into position after being shaken by something such as an earthquake or bomb blast.

The article described the State EOC as "strongly resembling a military command center." Although the physical layout and appointments of the facility have not changed much in the intervening 29 years since the newspaper article was written the fact that we are now oriented toward the management of all types of disasters, rather than just the threat of war-related attack, has tempered that "military" atmosphere considerably.

Reading the details of the construction of the EOC, and descriptions of the equipment used in day-to-day operations, reminds on that this is indeed a singular (although no longer unique) place, and taking a tour of the facility is still an adventure. Next time you're in the neighborhood "come on down" and let us show you around our bunker!



Chelsea and Beverly, April, 1992 - From The Boston Globe: There recently appeared an article describing the two specially outfitted fire trucks operated by the Beverly and Chelsea Fire Departments. The development of these two vehicles by these communities bring our attention to the fact that "civil defense officials and teams of volunteers they direct are playing an increasingly active role in assisting public safety and other municipal departments as they respond to multiple alarm fires, chemical spills, and hurricanes." These trucks are each equipped with special floodlights, on-board desks, radio equipment, a cellular telephone, fax machine, and computer. In the short time these trucks have been "on the road" they have been used to help fight a 10-alarm fire in Revere, and a 7-alarm fire in Everett.

The development of these special trucks is part of a trend spurred by the North Shore Civil Defense Council, an informal association of civil defense and emergency management directors from 27 north-of-Boston communities which has been in operation since 1982. Mark Foster, CD Director in Beverly and one of the group's founders said that "the group was formed out of frustration that civil defense directors felt in not being able to communicate easily during disasters, as police and fire departments could." The communication problem was solved by the establishment of a common radio frequency its members can use to coordinate mutual aid during an emergency. In addition to the special fire truck, and the common radio frequency, the North Shore Civil Defense Council also holds monthly meetings, and distributes a monthly newsletter.

The North Shore Civil Defense Council...an impressive example of dedicated public safety at the hometown level.

Quincy, late winter, 1992 - Once again, Quincy Emergency Management Director, Tony Siciliano has brought his EM organization into the news. In the winter edition of this newsletter we featured an article about food distribution to homeless shelters by Quincy Emergency Management and other volunteer organizations. The food was unloaded from the SS Wright, a ship that had returned from the Persian Gulf, and through many long hours of lifting, hauling, sorting, and delivering it found its way to such organizations as the Salvation Army, the Southeast Community Center and several other shelters.

The Quincy Sun provided us with an update on this endeavor, in the form of an article about the commendation ceremony which was held to recognize the many volunteers who participated in the project. At a City Council meeting commendations were presented to the 80 ROTC students from Quincy High who helped unload 2,000 cartons of food, Barbara Johnson of the Protestant Social Service Bureau, Major Thomas Sellars of the Massachusetts Army National

Guard, Paul Baharian, executive director of 1,000 Southern Artery, Star Market Co., McDonald's of North Quincy, and the Emergency Management Organization and CEM Planning Committee, and, of course Tony, who Ms. Johnson called "our hero." And Tony and his organization certainly are heroes...knights with armpatches on their windbreaker armor and 2-way radios instead of swords in their hands.

HOMETOWN (CONT.)

Leominster, Spring, 1992 - Emergency vehicle conversion and upgrading is keeping emergency management personnel in Leominster busy these days. Clay Beauvais, Leominster CD Director and volunteer members of that organization are converting a bus donated by the Montachusett Area Regional Transit (MART) into a Mobile Command Center." Clay has submitted a SERC/SARA project application seeking funding for equipment, and training for the crew of the command center vehicle. He is looking to early summer as the completion date for the project. This command center vehicle will be available to local governments in Worcester County on a mutual aid basis for response to HAZMAT incidents, fires, natural disasters, and crowd control at large gatherings.

Leominster CD has also begun the rehabilitation of a MART donated station wagon, has acquired a new EM Director's vehicle and has rebuilt a small jeep trailer and turned it into a lighting unit.

The Leominster CD organization is one of the most active in the Commonwealth. Under the energetic direction of Clay they have turned many "sows ears into silk purses" by taking (what appeared on the surface to be) "over-the-hill" items and reconditioning them into well running, highly efficient emergency vehicles and equipment.

There is a great spirit reflected here. Not only the obvious dedication to, and sincere concern for public safety, but also the classic spirit of "Yankee Ingenuity" which - no matter how jaded and high tech our society gets - is admirable and refreshing. Our hats off to Clay and his crew!



Leominster Command
Center Vehicle

From the "Berkshire Eagle," December, 1991 - "Pittsfield has an excellent emergency and disaster relief program," acting Fire Chief Ronald R. Mazza said Thursday at the close of the first day of the Western Massachusetts Disaster and Emergency Response Symposium at the Berkshire Hilton Inn.

That is how the newspaper opened an article which described the structure, general uses, and the legal implications of the "SARA Title III, Annex N" portion of Pittsfield's "Comprehensive Emergency Management Plan." The article went on to point out that Pittsfield was one of the first of the larger cities in Massachusetts to complete its hazardous materials plan. At the two-day conference at the Hilton, much of the ground covered in presentations and workshops concerned the subject of lawsuits which might be generated from failure to develop HAZMAT response plans. The conference closed with a mock trial in which Chief Mazza, Tom Grizey, Pittsfield CD Director, and several representatives of manufacturing industries participated.

Alert and continuous attention to the potential threat of hazardous materials accidents is an indication of an aware and well run emergency management organization. Over the years, Pittsfield Civil Defense, under the direction of Tom Grizey, and in cooperation with other EM Officials has been at the forefront of developing EM plans, and conducting emergency drills and exercises in the Berkshire County area.

(9)

Our commendation goes out to Pittsfield Civil Defense and the hundreds of other local EM organizations large and small who keep the lid on day by day, and are right there to address the danger when the lid does blow off! MEMA is proud to be associated with you.

AND OUR THANKS TO THE LOCAL EM DIRECTORS AND TO MEMA'S AREA OFFICE PEOPLE WHO PROVIDED THE PRECEEDING ARTICLES.

BUNKER BITS

FROM NORTH SHORE CIVIL DEFENSE COUNCIL EMERGENCY MANAGEMENT NEWS

Oil Pollution Control Act Update

The Coast Guard in cooperation with several Massachusetts agencies has begun implementation of the emergency response aspects of the "Oil Pollution Control Act." The Boston office has begun meeting with local coastline communities from NH to Cape Cod.

Wilbur Hardy Retirement

Former Wenham CD Director, Wilbur Hardy was presented a plaque from the North Shore Civil Defense Council honoring his many years of service to Wenham and the North Shore region. Wilbur, who retired from his position as a CD Director last year is known for his honest opinion and no-nonsense approach to emergency management matters. He also served as a call fire fighter until earlier this year. Replacing Wilbur as EM Director is Police Chief Peter Carnes who is assisted by Fire Chief Don Killiam.

Suggestions for the Salvation of Your EM Budget

"It's budget time again for most of us at the local level. This is the time when we have to explain to our town officials the importance of investing in emergency preparedness. I would suggest several things to those faced with this formidable task:

* Write an annual report of

what you did last year. Don't forget to include the numbers of hours spent by your volunteers assisting the community; and be sure to include the reimbursement amounts from "Bob" and the Halloween storm.

* Give a tour of your EOC to those newly elected community officials that may not be familiar with your EM agency. Don't forget to show them your EM Plan, and point out how it helped during recent storms. Have your volunteers available to meet with the officials to show their dedication to the community.

While neither of these tactics will assure you of increased funding, they surely will prevent you from feeling the budget axe because "no one knows why we are still in the Civil Defense business now that the Cold War is over."

Skip Scofield Resignation

Sergeant Skip Scofield recently resigned as the state SERC coordinator due to a new assignment with the Massachusetts State Police. Skip was instrumental in the distribution of the SERC newsletter, and was always there when you needed information related to SERC or any other aspect of hazardous materials and their impact.

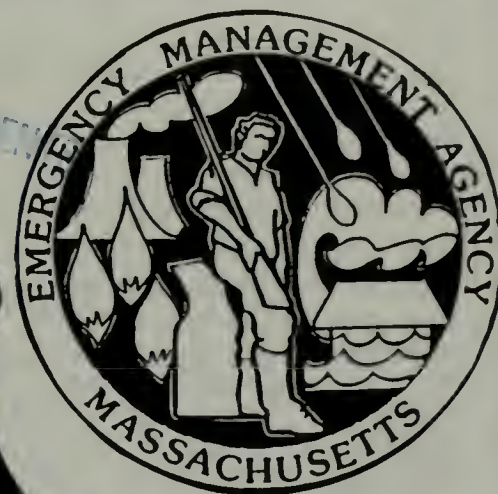
Yankee Rowe Update

On February 26, 1992, the board of directors of the Yankee Rowe Nuclear Power Plant voted unanimously to permanently shut down the facility. A spokesman for the plant said that the decision was based on economic reasons and had nothing to do with the safety of the facility. The plant was voluntarily shut down last fall

after the NRC expressed concern over the brittleness of the reactor vessel. The 32-year-old plant was the oldest operating commercial power reactor in the U.S.

MASS. EMA 1.3 1/4

MEMA Newsletter



EMERGENCY DOCUMENT
COLLECTION
JUL 18 1992
FBI
Dept. of Mass
State Police

PUBLISHED QUARTERLY BY THE MASSACHUSETTS EMERGENCY MANAGEMENT AGENCY

Welcome to the summer edition of the MEMA Newsletter. In our fourth edition of this quarterly document, we present a varied menu. We share with you the regular features of "Dave's Den" and "Hometown," updates on matters concerning Disaster Recovery, Training, Summer Weather, Seabrook Station, explain the new 'SCM' Program, urge you to attend Emergency Management Expo '92, take a light-hearted trip down Memory Lane, and share with you some insight into the plans of our recent MEMA retirees.

And speaking of retirees: One of the people who is a 1992 MEMA retiree, but whom you will not be reading about in our "Meet Our Retirees" article is Lorraine Manning. Lorraine departed from MEMA about one year ago because of poor health and has not been available to be interviewed by our 'roving reporter.' But those of us who knew Lorraine recall her warm smile and ever present friendliness. Lorraine worked as Administrative Assistant to MEMA's Directors, (and she must have been the right hand to a great many of them, as she first came to work for the, then, MCDA in 1954). The last Director whom she served for his entire tenure, Bob Boulay, was always very impressed with Lorraine's organizational ability. He said that no matter what information he needed, she always knew exactly where to find it. And just because Lorraine worked for the Agency for 37 years, don't think of her as a gray-haired granny. Lorraine was fresh out of high school and only 17 years old when she began her career! We wish Lorraine a happy retirement, and sincerely hope that her medical problems are going, or even now 'gone with the wind' so that she can enjoy all the years ahead of her.

DAVE'S DEN

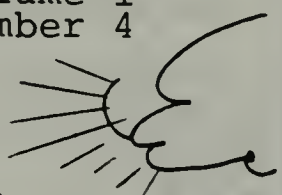
(THOUGHTS FROM MEMA'S DIRECTOR)

During the past year, as I have traveled throughout Massachusetts, I was both pleased with the reception that I was given as the new Director of MEMA, and somewhat puzzled by the perception of MEMA and its relationship to local government and other agencies. I have tried to zero in on this perception and give it some identity.

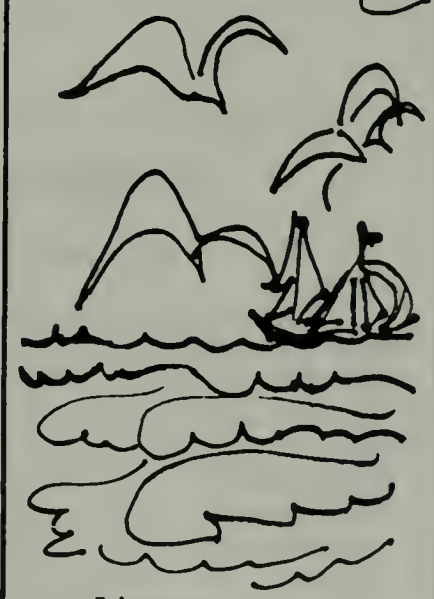
For many, we are considered to be "Big Brother" who performs surveillance tasks for somebody. I really haven't been able to identify the somebody. For others for whom MEMA (MCDA) provided assistance during an emergency, or helped in a recovery effort, we are a trusted partner in a time of crisis. I would like to mount a concerted effort by the MEMA staff to help us be viewed in the latter perspective.

Our role in a local emergency is to stand by and be available if the community requests our assistance. We are ready and available to coordinate state resources if asked, and if the local head of government declares a "State of Emergency." In no way should we, or will we interfere in the community's handling of an emergency. If the situation is serious enough that the media becomes involved, we would like to have a local spokesperson, preferably the CD/EM Director, keep us informed. We would like to develop a "You call us, we won't call you" situation.

Volume I
Number 4


William F. Weld
Governor

A. David Rodham
Director



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(Cont. P. 3)

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SURVIVABLE CRISIS MANAGEMENT

"S. C. M." Another acronym, you might ask ? Yes, another acronym. 'SCM' stands for Survivable Crisis Management, a link in the 'Continuity of Government' program and process. The purpose of the plan is to describe existing facilities, and outline the procedures to be undertaken by MEMA in the event that the primary Emergency Operating Center (EOC) in Framingham must be abandoned in favor of an alternate EOC.

The concept of SCM is a combination of plans, equipment, training, and the use of alternate EOCs when necessary. It will result in the development and establishment of a civil defense network that provides for critical command, control and communications capabilities during all types of emergencies: national security, and natural & technological hazards. These capabilities enable emergency managers to deliver essential services and fulfill critical missions for a catastrophic event for both the response and recovery phase. The SCM mission is to develop a national network of survivable state crisis management systems and similar local systems.

Statewide radio communications exist between the primary EOC and the four Area Offices in Bridgewater, Westboro, Tewksbury, and Belchertown. The Area EOCs are each available for use as an alternate EOC with the exception of Tewksbury because it is on the periphery of a prime target area, (but this too may change).

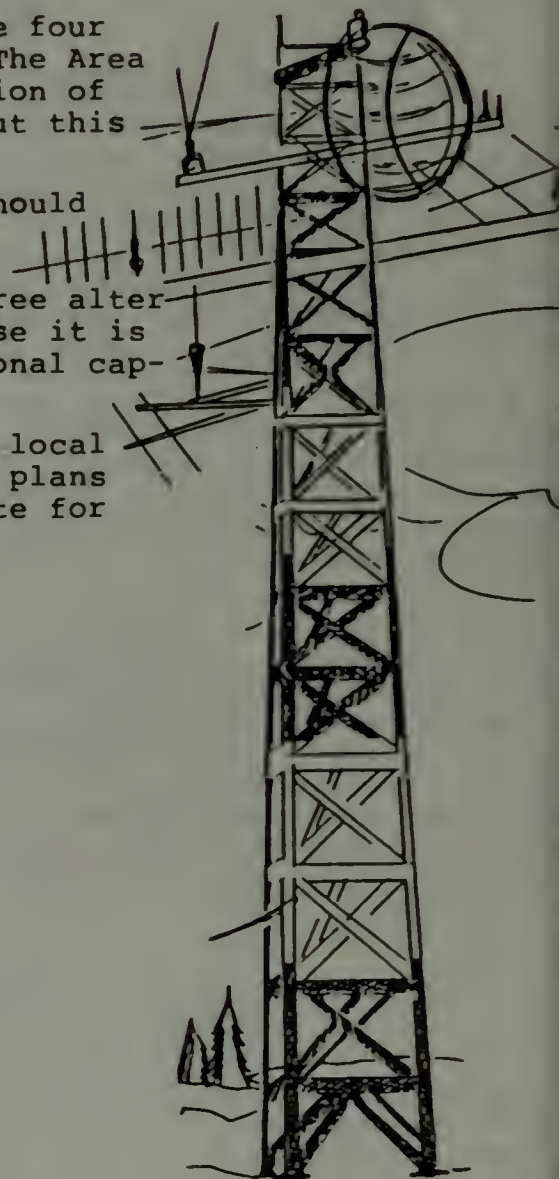
It would be the intent of MEMA to relocate to the Bridgewater EOC should the primary EOC become unusable.

Massachusetts has an advantage because it can relocate to any of three alternate EOC sites. Bridgewater was chosen as the first alternate because it is a modern, spacious facility with updated communications and operational capability.

While it is under FEMA's lead that the state prepares its SCM plan, local emergency management agencies will be asked to come up with similar plans assisted by MEMA's staff. Community SCM plans will be a prerequisite for FEMA financial assistance for equipment and EOC upgrades.

By JEFF GUERTIN

MEMA Planner



STORM AID PROJECT CONFERENCE

By LINDA BENEZRA

Emergency management workers and crisis counseling providers are invited to attend a one day conference, "Disaster Recovery, A Mental Health Perspective", on October 13, 1992 at the Ramada Inn in Woburn, Massachusetts. The conference is being organized by Mary Margaret Moore, Director of Client Services and Emergency Management, as the Department of Mental Health's annual emergency management and crisis counseling training. This year the conference will also include presentations based on A Storm Aid Project, a FEMA/NIMH funded grant which provides outreach support to survivors of the October 30 - November 2, 1992 storm.

Following opening remarks by Department of Mental Health Commissioner Eileen Elias, the morning plenary entitled "The Commonwealth's Crisis Counseling Responsibility--Why is it Necessary?" will feature Mary Kennedy of FEMA and A. David Rodham of MEMA as well as an area provider and a Department of Mental Health crisis counseling team leader. Morning and afternoon workshops will cover a variety of topics from an anatomy of a disaster, to school issues, working with survivors and Department of Mental Health revised policy on emergency response and crisis counseling.

Participation in this conference is open to emergency management workers, crisis counseling personnel and others involved with direct service to disaster survivors. Attendance is by prior registration. Cost of the conference is underwritten by A Storm Aid Project. To receive a conference brochure or to pre-register, contact A Storm Aid Project Conference, 25 Staniford Street, Boston, MA 02114 or call 617-727-5500, ext. 290.

From the Department
of Mental Health

Mary Margaret Moore,
Director,

Office
of Client Services
& Emergency Management

(THOUGHTS FROM MEMA'S DIRECTOR, CONTINUED FROM P. 1)

During our non-emergency times, we will continue to offer training and planning assistance so towns and cities are able to react at an optimum level and to maintain eligibility for financial reimbursement programs.

I would like to develop a 'get acquainted' program for the remainder of 1992 so that the MEMA staff and the public can get to know each other. We have a 'speaker's bureau' that can present public safety programs on such subjects as earthquakes, hazardous materials, nuclear power, and how to be prepared for emergencies in an ever increasingly technologically oriented world.

Most of all, we want to meet folks in a non-stressful environment, and let them know how we can help, if requested, during times of stress.

HURRICANE AWARENESS FORUMS IN CAPE AREA

From MEMA Area II Headquarters

Even as you read this, (or shortly thereafter), Governor Weld is signing a proclamation declaring the week of July 26, 1992 "Hurricane Awareness Week." In order to promote public interest, MEMA, FEMA, and the National Weather Service are co-sponsoring two public awareness forums in southeastern Mass. on Tuesday and Thursday evenings of that week beginning at 7:30 PM.

Area II has assumed the lead role in the planning process for MEMA, and has procured the use of the facilities at Cape Cod Community College and the Mass. Maritime Academy in which to hold the forums. Commonwealth Electric Company has graciously agreed to print an informational insert with their monthly bills to alert the general public. A public information campaign using local media, mailings, handouts, etc. is also planned in an effort to maximize participation.

As part of the forum, the Mass. Property Insurers, Army Corps of Engineers, Commonwealth Electric, FEMA, and the NWS, among others, will be manning information tables to provide handouts and answer questions.

SEABROOK MASS CARE SHELTERS

By FRAN DENICOLA, MEMA Planner

Executive Order No. 303, "Public Safety and the Seabrook Nuclear Power Station," signed by Gov. Weld on March 6, 1991, specifically tasks MEMA with developing the best possible emergency plans for a response to a radiological emergency. Should an off-site release constitute a public safety hazard within the Commonwealth, the Governor, as a precautionary action, may direct all or any of the following communities to evacuate: Amesbury, Merrimack, Newbury, Newburyport, West Newbury, or Salisbury. In the event of an evacuation mass care shelters need to be identified and readied to accommodate evacuees. To date, approximately 10,000 shelter spaces have been surveyed and approved by the Red Cross.

In developing the best possible plans, and in preparation for the Seabrook exercise on June 4th, MEMA, in conjunction with the utility and the Merrimack Valley Chapter of the American Red Cross, formed shelter survey teams to visit the 17 communities in that Red Cross chapter which may be called upon to support this effort. The teams, with the cooperation of the local civil defense directors and school superintendents, began by visiting schools to assess their capability should they be needed as shelters. The buildings must meet stringent Red Cross guidelines. The operation of the shelters is primarily the responsibility of the American Red Cross with support from community care organizations such as the Salvation Army.

On the day prior to the Exercise, a FEMA evaluation team along with a Red Cross and MEMA representative, visited schools in Andover, Billerica, Chelmsford, North Andover, and Wilmington to confirm the adequacy of the buildings.

Preliminary feedback from the FEMA evaluators indicates that the facilities in these communities more than meet federal guidelines. They were most impressed with the level of maintenance of the buildings and the staff's willingness to assist. The final report will be complete in a few months. The Red Cross and MEMA are continuing in their efforts to complete these mass care shelter updates in other communities of the Merrimack Chapter.

FEMA has requested a Letter of Agreement (LOA) between the Red Cross and the Superintendents of Schools. This LOA confirms the survey information and the use of the schools as mass care shelters in the event of a nuclear emergency at Seabrook Station.

Presently MEMA is coordinating this endeavor and will be contacting CD/EM Directors in the respective communities.

DISASTER RECOVERY UPDATE

MEMA's Disaster Recovery Division continues to assist local communities, state agencies, and private non-profit organizations with the state and federal paperwork related to last year's hurricane "Bob" and the October coastal storm.

Bud Iannazzo, Disaster Recovery Manager, is pleased to announce the appointment of a new team member, Angela Magara, who will assist Cristine Heanue with the Public Assistance Program.

At the time of this writing (early July) all qualified applicants have received at least a partial payment on their Federal Assistance application, and many have received a full federal payment excluding the administrative grant.

We are delighted that a state share of 12% for the storms has been passed by the legislature, and signed by Gov. Weld. The state share is being made available to affected local communities and state agencies.

If you are a Disaster Assistance Applicant please be patient as you await your final payments, and THANK YOU for YOUR tremendous efforts in providing MEMA with needed information throughout the recovery process !

By DOUG FORBES, JR., MEMA Area II Sector Director



SUMMER WEATHER

The National Weather Service Offices in Massachusetts, Rhode Island, and Connecticut look forward to working closely with you this hurricane season. In the interest of public safety, and to increase public understanding, we will be using the following watch and warning terminology this summer:

Tropical Storm: A warm core tropical cyclone with a maximum sustained surface wind from 34-63 knots (39 to 73 mph).

Tropical Storm Watch: An announcement for specific areas that a tropical storm condition poses a possible threat to coastal areas within 36 hours.

Tropical Storm Warning: A warning that sustained winds of 39-73 mph associated with a tropical storm are expected in a specified coastal area in 24 hours or less.

Hurricane: A warm core tropical cyclone in which the maximum sustained surface wind is 64 knots (74 mph) or greater.

Hurricane Watch: An announcement for specific areas that a hurricane or developing hurricane condition poses a possible threat to coastal areas within 36 hours.

Hurricane Warning: A warning that sustained winds of 74 mph or higher associated with a hurricane are expected in a specified coastal area in 24 hours or less. A hurricane warning can remain in effect when dangerously high water or a combination of high water and exceptionally high waves continue, even though winds may be less than 74 mph.

If you have questions regarding hurricane terminology, or the hurricane forecast services of the National Weather Service, please contact the Official in Charge at one of the following NWS Offices:

Meteorologist in Charge
National Weather Service Forecast Office
Boston, Massachusetts
617-565-4661

Meteorologist in Charge
National Weather Service
Hartford, Connecticut
203-627-3441

Meteorologist in Charge
National Weather Service
Providence, Rhode Island
401-737-3171

Official in Charge
National Weather Service
Bridgeport, Connecticut
203-378-2344

WESTERN MA. AUXILIARY POLICE INTEREST REVIVED

From NAYIA POWERS,

MEMA Area IV Sector Director

Responding to requests from local communities interested in reviving and evaluating the activity status of the Western Massachusetts Auxiliary Police and Special Police Units, Area IV hosted a meeting on June 9, 1992.

Twenty-three members from eight towns, including a representative from Enfield Conn., were in attendance.

Discussion centered primarily on state versus local laws, authority, mutual respect for the two governing units, insurance, worker's compensation, training, uniforms, and qualifications. Plans were discussed for future meetings to be held every other month. If you would like additional information, call Nayia at (413) 323-6306

From JERRY MEISTER,

MEMA Operations Officer

MEET OUR RETIREES

By SUSAN E. FRATES,
MEMA Contract Specialist

With MEMA's five June retirements, the hallways of the bunker certainly seem less traveled, and a bit empty. The agency will miss all of these "MEMA Veterans", both their professionalism and friendship.

MEMA's Supply Officer Walter Brewer has worked for the agency for 25 years. Starting off as Machine Offset Duplicating Operator (MEMAspeak for print shop operator), Wally was later promoted to Supply Officer, in charge of vehicles, supplies, and purchasing. Not only has Wally been involved in the Emergency Management field, he has also had two other thriving part-time careers; a permanent intermittent (part time) police officer in Ashland and a flower shop employee, also in Ashland. (Carnations are Wally's favorite!) Wally plans on continuing with these part-time jobs during his MEMA retirement.

Wally never lost a step with his busy schedule. Full of energy, Wally reported to work at MEMA at 6:30 AM every morning. He was never bothered by waking up at 5:00 A.M. before the sunrise, explaining: "I don't require much sleep." Wally attributes his ability to keep such a fast pace from within: "I am young at heart! Retirement will also include Wally's annual trip to Florida with his wife, who is continuing to work. Next winter's vacation will include alot of scuba diving and fishing, two of Wally's favorite past times. Wally's memories of his bunker tenure are "all funny and crazy!" He emphatically declares hands down that he will miss "all the beautiful girls!" at MEMA. As he lives so close by, Mr. Brewer promises to come visit and take his friends out to lunch! It's a date!

George Buttrick has worked for the Agency for six years in many capacities as: Planner, Assistant Operations Officer, Utilities- Special Agent, and also with Public Information. George recalls his years at MEMA as "stimulating and challenging!" Our busy George won't be resting during his retirement. George's future includes tending to his "personal responsibilities and business, (including) my home and grounds." He also plans on "enjoying my family, travelling occasionally (Virginia, Florida and Hawaii); eventually spending winters in a more temperate climate."

Friend Fran DeNicola offers his predictions on George's retirement future. "George is a man with varied interests. He likes the automobile and I can see him starting a business out of his yard selling used cars. Of course I can also see him beginning a second career as a lawyer lobbying in Washington for the grey panthers." Fran has had many fun times with George- especially during the walks they enjoyed together during the afternoon breaks. Fran recalls: " George is a multi faceted individual. As such he very often creates different personae. On a typical one mile walk he is know as 'Sam' by the Court House and 'George' in the housing development...a matter of thirty feet." Fran describes George as a "good and loyal friend. I will miss his generous and outgoing nature. He is a man of many learnings and because of his example I have become a better person. I am particularly thinking about all his charitable deeds." Fran added : "I'll still keep in touch with George because as the Bedouin say- when you find a treasure you don't let it go."

George leaves MEMA knowing what he will miss most: "All the fine friends!" He offers this good-bye poem:

*THEN SOFTLY SINKS THE SUMMER SUN
WHEN ALL THE CHORES OF THE DAY ARE DONE
AND, IN THE DARKNESS, LEAVES BEHIND
A STRANGE IMPRESSION ON THE MIND;
A MEDLEY MIXED OF JOY AND GRIEF,
A SONG OF SORROW, AND RELIEF,
OF SORROW THAT ANOTHER DAY
IN ONE'S SHORT LIFE HAS GONE ITS WAY*

*OF JOY AND TASKS ACHIEVED IN PRIDE,
OF SORROW IN THE HOPES THAT DIED.
WHEN, LIKE THE DAY, SOME END THEIR DUTY,
THEY, TOO, SOMEHOW, DEPART IN BEAUTY.*

-G.J. Buttrick

Harland Fisher began his MEMA career in 1965 as an Electronic Technician, then moving to Jr. Radiological Instrument Technician, to Senior Radiological Instrument Technician, to Supervisor of M.I.M.N.C., finishing with his Radiological Officer position. Harland is planning some traveling with his wife during his retirement. He's starting off with a visit to Canada, Toronto and Niagara Falls- for the 4th of July weekend. In the future, the Fishers will drive to Florida, where they will visit Mrs. Fisher's brother- whom they haven't seen in 25 years. They plan a grand finale to the Magic Kingdom, to visit with their daughter who works at Orlando's Disney World. Aside from traveling, Harland intends to "Take it easy and relax!"

Harley's former office mate, Kay Fox will miss her friend. Kay explains: " Harley and I shared a common bond in that we both enjoyed listening to classical music. We would tune into WCRB every morning and comment on how great it was to be able to start off our day with Beethoven." Kay also expressed her admiration of Harland: "His determination and courage in the face of recurring illness was truly inspiring. He really knows the true meaning of 'hanging in there!'" Harland leaves knowing he will really miss the people at MEMA, "I like people." And the people at MEMA will miss you too Harley!

(Continued, P. 6)



HARLEY



WALLY

5

GEORGE



Our Communications Manager since 1989, Royce Sawyer's articulate delivery of emergency broadcast messages will be missed. Royce started with MEMA in May of 1971 as a Security Guard. Royce was then promoted to Electric Station Operator in 1972, to Maintenance Engineer in 1977, to Communications Officer in 1978 and eventually to Manager in 1989. Royce will truly miss his work. He explains: "It may sound corny but I will miss completing projects that I know have been done correctly and that benefit the communities and the population in general." Special MEMA memories include Royce's enjoyment of "working with the communities and amateur radio groups and providing the guidance and assistance to fulfill their needs. It has been most satisfying to be responsible for providing this support."

Royce has some varied plans for his retirement including to: "just relax for the summer...hit the beach, mountains, etc. I have purchased a new bicycle and intend to do a lot of riding on the Cape. It's great for investigating the nooks and crannies unavailable by automobile. Also, very few hills, puff puff." Royce also intends "to compete in age group road races and track meets, something I have been doing all my life. Now I have the time to train properly."

Royce will also travel a bit, as he describes: "My son and grandchildren are in Tampa, Florida so I expect to spend the winters in that area, and the rest here in MA or NH. Leave New England after the foliage season and have the best of both worlds." A special project Royce intends to complete is researching his family tree. "My great great great great great great grandfather was Elder William Brewster who arrived in 1620 on the Mayflower. Although I have the lineage information I intend to devote considerable time to the research that will put some 'flesh' onto the names. A little history of all those in between- who they really were and what they did; horse thieves or whatever. This is something I can pass on to my grandchildren."

The next nuclear exercise will seem strange without Royce's usual EBS message. As he leaves MEMA, Royce departs with these thoughts: "I believe that the agency under the direction of David Rodham will make great strides and be an exciting place to be associated with."

Barbara Studholme has graced the bunker with her wonderful presence for 36 years. Employed as MEMA Federal Grant Management Specialist, Barbara was our MMAARS system MASTER possessing those great computer skills. Barbara's friendliness and kind nature will be missed by everyone at MEMA. Her company will be especially missed by her daily walking companions Lalitha, Katy and Beverly. On June 30th Barbara was last seen walking the MEMA hallways, trying to find a pair of petite walking feet to be the proud new owners of the "Barbara Blue Sneakers", those great walking shoes that Barbara wore for all of her rambles. Unfortunately, no MEMA co-walker had a pair of feet small enough to fit into the tiny shoes. (Where was MEMARELLA?, Cinderella's cousin from Framingham) Barbara's coworkers hope to bronze the shoes for our MEMA historical museum.

Good friend Bob Lister offered some predictions on Barbara's retirement plans: "She did mention a trip to Alaska to visit relatives and to sight-see? Maybe she will become a FEMA Disaster Reservist? Maybe a full-time FEMA employee? Who knows? Maybe a school bus driver? One can only be certain of two things: (1) She will do the choosing and (2) she will perform her work professionally (just as she has always done)."

Like all of us at MEMA, Bob will miss Barbara very much. He elaborates: "With her professionalism, no task too large, no task too small, no task too detailed, no task too onerous, Barbara was equal to them all- and not easily flustered by management demands, past or present. What I will miss most about Barbara, probably her penchant for keeping me on my professional toes and out of professional hot water. I will be most thankful for that kindness, surely. NO, I will miss her most because she is BARBARA, one of a kind, IRREPLACEABLE!"

MEMA will feel very odd for some time to come with the retirement of so many great people. I'm sure that they will shine brightly in their retirement years as they all did during their stay at the bunker. I think the music of Jackson Browne says it best:



ROYCE

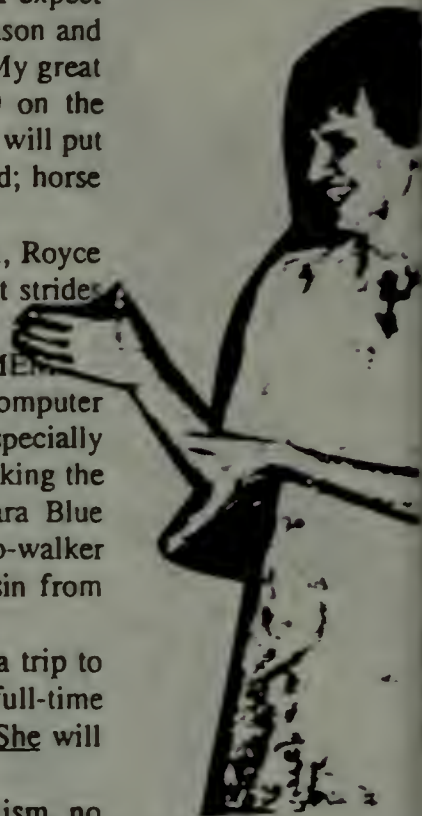
LIGHTS AND VIRTUES

*Here's to lights and virtues
Here's to truths yet to be known
Knowledge to light the darkness
The search for things of your own*

*Here's to lights and virtues
Here's to reaching higher ground
A life of hope and purpose
Here's to strength yet to be found
Honor- though it goes unrecognized
And truth- though liars abound*

*The pleasure of love and friendship
The courage to be alone*

HERE'S TO LIGHT AND VIRTUES



BARBARA

TRAINING NEWS

From ARLENE MARGOLIS
State Training Officer

THIS SUMMER'S TRAINING OPPORTUNITIES
STILL INCLUDE:

Continuity of State & Local Govt.
July 21, 1992 - 8:30 AM to 5:00 PM
Comfort Inn/Parwick Center, Chicopee
Instructor - Bob Hayward, Sr.

Exercise Design Course
August 11-14, 1992 -
8:30 AM to 4:30 PM
Holiday Inn, Marlboro
Instructor - Jim Controvich

For further information, call
Arlene at (508) 820-2018 or
Joe Connors at (508) 2028

C. D. FIFTY YEARS AGO TODAY

(OR, WHAT DID YOU DO IN THE WAR, GRAMPA ?)

By DOUG FORBES, SR., MEMA Planning Director

(Editor's Note: Actually, this is what Doug did at the very beginning of the War. By 1945 he was in the Army devotedly fending off the Axis powers along with so many thousands of others.)

A TV program on Monitor Channel 68 in Boston called several months ago and asked if anyone at MEMA could recall some of the things that were happening in Civil Defense 50 years ago. As the Agency's 'godfather' I was elected to give my impressions.

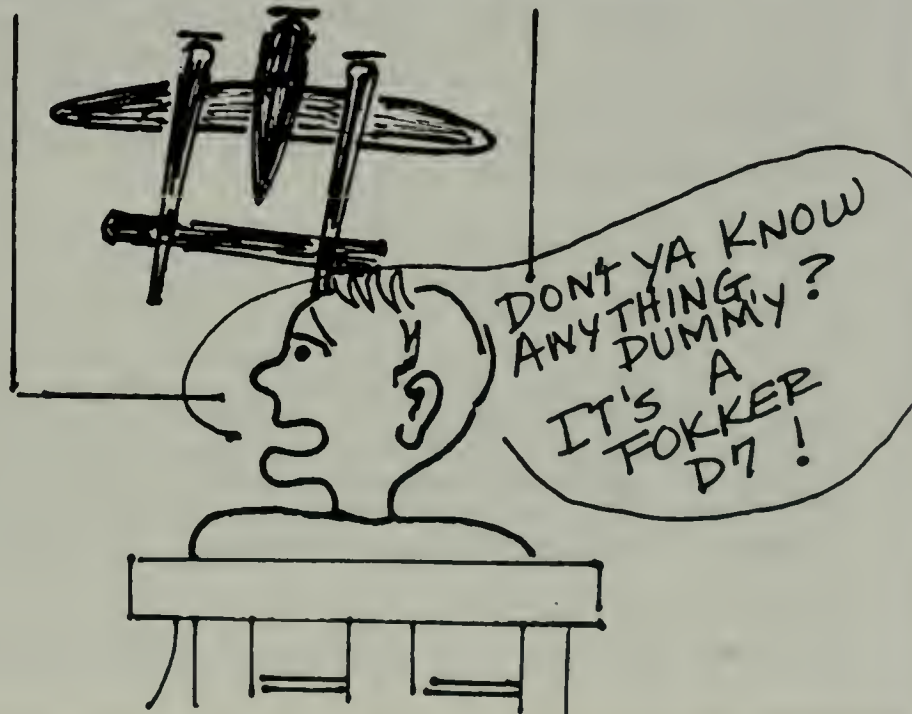
In the early years of the United States' involvement in World War II, the National Governor's Conference delegated its chairman, New York's Mayor, Fiorello LaGuardia, to ask president Franklin Roosevelt what was being done for protection of the civilian population. (Most of the readers are probably familiar with New York's LaGuardia Airport named for that Mayor). At that time, all our efforts were focused on building a military response, but what about the civilians? FDR admitted that he and his cabinet had given little thought to this issue, but the concern was certainly valid. As a good administrator, he appointed the person who had raised the concern, Mayor LaGuardia, as the first chairman of the 'Civilian Defense Administration.' (You may have noticed that Director Rodham has acted in a similar manner during the past year. Just bring up a problem, and he'll appoint you to solve it !

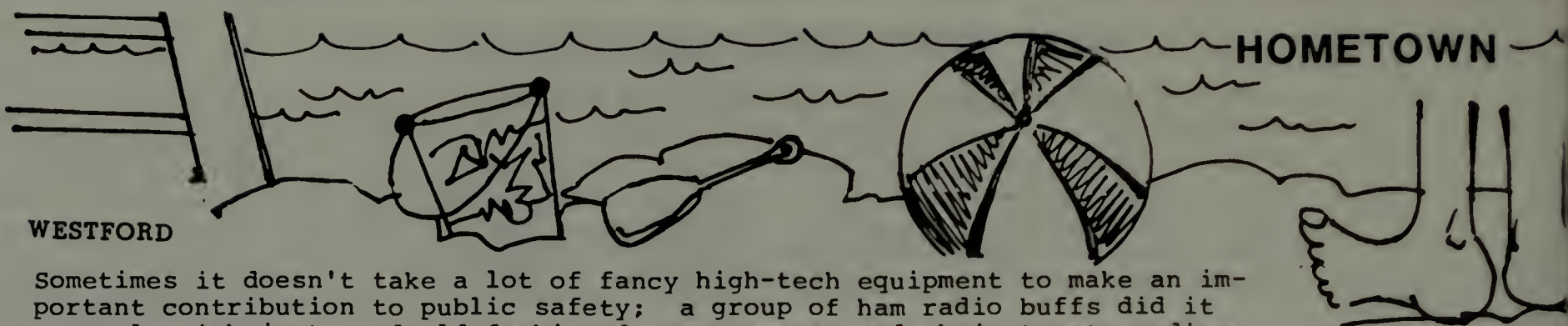
As a kid in junior high school and a Boy Scout, I started training as a plane spotter. We spent hours studying the silhouettes of both American and enemy planes so we could report which planes might be sighted. After passing a test given by an Army Air Officer, I was sworn in as an official member of the Ground Observer Corps. (Fortunately, I never did spot an enemy plane).

My mother was an official member of Civilian Defense as an air raid warden on our block. Her duties included a nightly stroll through the neighborhood with a flashlight covered with red cellophane. She would knock on any neighbor's door who failed to have their blackout curtains tightly drawn. No enemy planes would use house lights on Chester St. in Arlington to guide them to a street where both a ground observer and an air raid warden lived ! My mother was also issued a stirrup pump which when filled with water probably outweighed her by 30 pounds ! Not to worry, however...it had shoulder straps. If the bombs did drop, the stirrup pump would be retrieved from the attic, filled using the garden hose, hoisted aboard my mother's back, and she'd be off to extinguish burning homes. Of course the garden hose would be frozen in the winter, but we did have that gentlemen's agreement with the Nazis for only warm weather attacks. (Ed. Note: Huh ?) It also didn't help that my mother could barely lift the empty pump, and couldn't even tip it over when full !

After World War II, Civil Defense was pretty much dormant until the Soviets moved nuclear weapons into Cuba and, with President Kennedy leading us, we were back in the people protection business.

All the training, drills, and exercising by CD in World War II went well, and we did have a degree of preparedness. Let's hope that our work in preparing for a nuclear power accident or deadly chemical spill will also never really be tested.





WESTFORD

Sometimes it doesn't take a lot of fancy high-tech equipment to make an important contribution to public safety; a group of ham radio buffs did it recently with just good old-fashioned common sense and their trusty radios. Five members of the police-sponsored amateur radio team, using portable ham radios in their cars helped Westford police corral a drunken driving suspect. According to The Lowell Sun, the men were returning from a monthly civil defense meeting of ham operators when they saw a motorist on Rte. 495 weaving back and forth between lanes, driving off the highway, and slowing to speeds of about 35 MPH. Terry Stader, the club president, said they contacted Westford police who dispatched a cruiser to the area. The suspect refused to pull over and led the police officer on a brief chase that ended near the Littleton/Rte. 119 exit. Flanked by the ham operators, the police arrested the suspect who was charged with operating under the influence, driving at night without headlights, violation of marked lanes, and failing to stop for a police officer.

Good work, guys...hope you're somewhere nearby on my highway the next time I see 'the car from hell' careening down the road. They don't expect a 'spy' with a direct line to the police to be watching...glad you were there !

From MEMA

Area I

Headquarters

LEOMINSTER

In the "Hometown" section of the April Newsletter, we featured a story about the conversion of a bus into a Mobile Command Center by Leominster Civil Defense. We hear now that this 'recycling' project is nearly completed. Acquisition and installation of a electric generator similar to the type in a 'A' motorhome is all that still needs to be done.

From BOB LISTER,

MEMA Area III

Director

'Clay' Beauvais, Leominster CD Director, and his organization spent nearly volunteer man hours work, and used donated materials to transform the former Montachusett Area Rapid Transit bus into a rolling EOC.

The mobile command post will feature an 'operations room' communications booth, sleeping area, toilet, and roof-top catwalk for TV/film use. The addition of the electric generator will make the unit self-sufficient in a disaster area.

Director Beauvais also informs us that the Leominster CD headquarters & EOC on Lancaster St. has had replacement windows installed by the Leominster T High School carpentry class. New sleeping headquarters are also being constructed at the EOC.

Leominster CD continues to be a stunning example of 'Yankee Ingenuity;' using available materials and talent to make 'wish lists' come true, and create facilities, renovations, and equipment at the barest minimal cost.

A round of applause are in order for the innovative and determined performance of the LEOMINSTER CIVIL DEFENSE ORGANIZATION. Bob Lister calls it the "active volunteer program and the shining star of northern Worcester County."

HOLYOKE

Like a modern day caravan of shiny high-tech vehicles, the District 11 HAZMAT Team rolled into the former Mammoth parking lot on Rte. 5 in Holyoke to begin a drill which would test their capabilities. The vans, and more than thirty other vehicles, were responding from eleven towns and cities in Hampden and Hampshire counties which have formed to join a thirty-eight member response team in compliance with federal and state laws which address the threat of hazardous materials spills.

By JOHN PAPER

MEMA AREA

Director

The 'drill' scenario began when the Holyoke police dispatcher received a call from a cruiser at 8:15 AM on Wednesday, June 24th that a flatbed truck carrying several 55 gallon drums of commercial chemicals had collided with a passenger truck behind the Mammoth lot. The status at the beginning of the drill is that the drums had rolled across the parking lot. From that point on police officers cordoned off the area and firefighters and members of the HAZMAT team scouted the area to determine the extent of the spill. As the 'show' unfolded, more than 100 people from area hospitals, emergency squads, and civil defense organizations participated in the event. The HAZMAT teams were from Chicopee, Holyoke, Westfield, West Springfield, Agawam, Longmeadow, Amherst, Ludlow, Northampton, South Hadley, and Easthampton.

It was my observation that the ability to activate and mobilize the HAZMAT team was excellent, and that the team was very knowledgeable in their procedures, and had good communications with all other emergency response personnel.

PUBLIC SAFETY and NUCLEAR ENERGY

By JIM MUCKERHEIDE, State Nuclear Engineer

In 1988 a small, gas-cooled nuclear power reactor in Germany that had operated for 21 years was tested for loss of all coolant from full power. It was previously tested for total loss of cooling flow and for shut down of the nuclear chain reaction due to an increase in fuel temperature.

By design, in a total loss of cooling, the reactor is left alone. The nuclear fuel starts to heat up, the chain reaction stops. Fuel temperature rises slowly over many hours from the heat of radioactivity in the fuel. Instead of melting, it stays way below temperatures that could damage the ceramic coatings that encase the nuclear fuel and its radioactive materials. Internal heat is lost to the air and ground, limiting the fuel temperature. After several days fuel temperatures come down as the radioactivity decays away. (The "worst-case" test did not damage the reactor. It was restarted and operated until it was closed in 1990.)

Ceramic Fuel

Small particles of nuclear fuel are inside ceramic coatings. The fuel can then operate at high temperatures for high efficiency to generate electricity, and for high temperature heat for industry), and it can withstand very high temperatures without fuel damage and release of radioactivity.

The dangerous radioactive materials are encased in tiny ceramic spheres. Minimal radioactivity is released. This results in minimal worker exposure, and minimal low-level radioactive waste from plant operations. It also further reduces environmental and public health and safety risk from disposing of the fuel over the thousands of years it takes for it to decay down to natural levels of radioactivity in the earth.

Modular, Gas-Cooled Reactors (MGR)

Gas-cooled reactors have over 30 years experience. Ceramic nuclear fuel performance is excellent. Helium as circulation and turbines have been problems. In the last 7 years, the idea of smaller reactors (in "modular" units), specifically designed to limit fuel temperature in "worst-case" accidents, and to shut down the nuclear reaction when the temperature rises, has been proposed. This would make the reactor "inherently safe".

The demands on MGR plant operators are greatly reduced. This limits the need for military-style personnel selection, voluminous complex procedures, and extensive training and constant re-training, required to provide for safe and effective plant operation.

Since fuel meltdown is not possible, public safety is not at risk, rapid emergency mobilization and protective action planning is not required.

The MGR is not being aggressively pursued. Initial estimates were for electricity at 10-20% more than new coal plants and Advanced versions of the Light Water reactors (LWRs, like most of the U.S. reactors), and there are large existing industry and government vested interests in the LWR, and Advanced LWR (ALWR).

Less Cost: New England Advantages

Recent MGR design/cost studies show costs potentially 20-35% less than comparable new coal plants and the new ALWRs (with room to improve).

New England utilities and the public will not likely plan to build the new, safer, large ALWRs being developed by the US Dept of Energy (DOE) and industry, and certified by the Nuclear Regulatory Commission (NRC). The Northeast does not have natural gas supplies. Our energy competitiveness is at risk.

If the MGR can produce lower cost electricity, and industrial heat, it can improve Northeast energy-cost competitiveness for energy-intensive industries and jobs. The Northeast economic interest in the MGR is greater than for other parts of the country. Fuel performance (for safety), and energy conversion (for costs), need to be demonstrated.

Work on the MGR is being done at MIT, Stone & Webster, and other Mass. and Northeast industries. A world-wide market exists for such a safe, economic, environmentally clean, energy supply.

More electric mass transportation and electric vehicles in urban areas are being addressed (California requires 10% of new cars be electric by the year 2000). Economic development of areas of the world with limited energy supplies, and the need to replace unsafe nuclear plants the former USSR, Eastern Europe, and elsewhere, are being considered. A Northeast-based MGR supplier and support industry is possible.

Demonstrating the MGR at the Yankee Rowe site is also possible since the Yankee Rowe reactor has been shut down. The turbine-generator and other facilities are still useful, with a qualified nuclear power plant site.

Additional information on the MGR, including a video on the 1988 German AVR test, or any comments or questions on evaluating the MGR potential, can be obtained from Jim Muckerheide, State Nuclear Engineer, MEMA, Framingham; or call, at 508 820-2039.



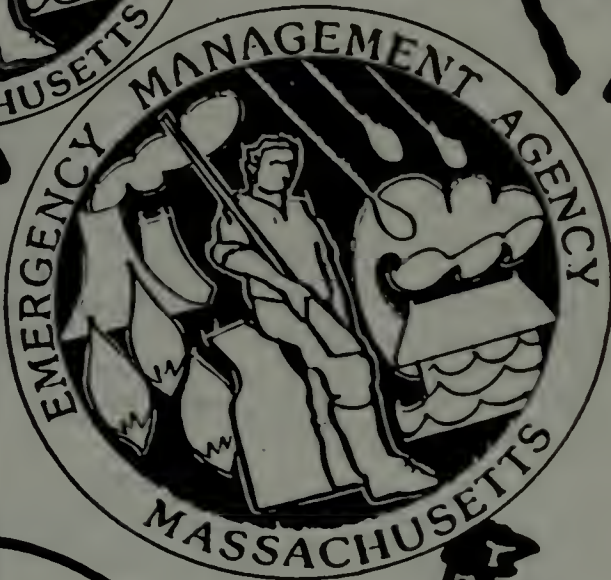
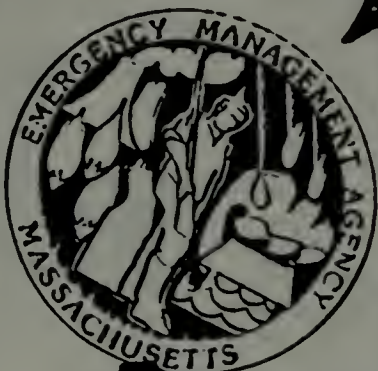
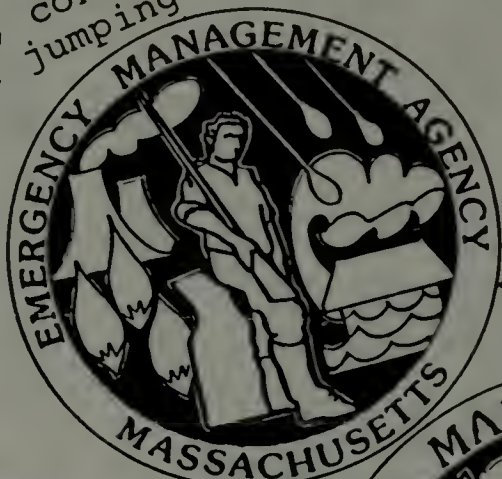
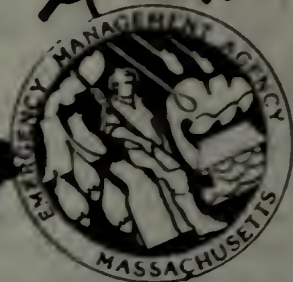
CORRECTION

Apologies to the Beverly and Chelsea Civil Defense Organizations:

The article about the Beverly and Chelsea specially outfitted emergency trucks which appeared on page 8 of the April issue of the MEMA Quarterly Newsletter contained incorrect information. These trucks were developed by, and are owned and operated by the Beverly and Chelsea Civil Defense organizations, NOT fire departments as was stated in the Newsletter.

So, you've taken the family out to bowl,
play miniature golf, taste chowder on
the Boston Common, see a ball game, go
to the beach or the park, a movie,
flea market, amusement park, parade,
circus, concert, opera, sky-diving,
bungee jumping.....yawn....ho-hum....

C'MON! GET WITH IT.-
DO SOMETHING EXCITING
FOR A CHANGE



COME TO
MEMA'S
"EMERGENCY
MANAGEMENT
EXPO '93

SATURDAY
SEPT. 26

9:00AM-3:00PM

AT
400
WORCESTER
RD.

THIS YEAR'S EMERGENCY MANAGEMENT EXPO
WILL FEATURE MORE DISPLAYS, DEMONSTRATIONS
AND PARTICIPANTS THAN LAST YEAR!
SEE OVER 100 EMERGENCY VEHICLES, (That's
60 more than last year).
DON'T MISS THIS EXCITING OPPORTUNITY
TO SEE HOW YOUR STATE EOC OPERATES
DURING AN EMERGENCY OR DISASTER!

RTE. 9
EASTBOUND
FRAMINGHAM

MORE INFO? (508)
820-2016

OVER 100 EMERGENCY VEHICLES
HOVERCRAFT DEMONSTRATIONS
'JAWS OF LIFE' DEMONSTRATIONS
CG SEARCH/RESCUE HELICOPTERS
DRUG AWARENESS DISPLAY
HAZMAT DEMONSTRATIONS
COMMAND POST VEHICLE DISPLAY
STATE POLICE K-9 DEMONSTRATIONS
STATE POLICE HORSE RIDES
FINGERPRINTING OF CHILDREN
AMATEUR RADIO DEMONSTRATIONS
TOUR OF STATE EMERGENCY OPERATING CENTER
(The 'Bunker')
FIRE EQUIPMENT FLEA MARKET
AND MORE, MORE, MORE.....!!!

